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# Australian Orchid Review

Royal Botanic Gardens  
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## From the Editor's Desk



Firstly, please note that I now have a new email address:  
**davidpbanks@veritel.com.au**

Gary & Judy Backhouse spent some time early in 2005 travelling to Papua New Guinea in search of wild orchids to photograph. On their return, Gary sent me an email, bragging about the huge numbers of orchids that they did find – in flower as well! Some of the *Bulbophyllum* and *Dendrobium* species they found were just breathtaking. In this issue, they discuss the time they had looking for, and finding *Dendrobium lasianthera* in the wild, the "Sepik Blue" as it is colloquially known. Read about their adventure in their feature article.

R.F. Orchids of Florida, USA has the healthiest and the finest quality Vandas and *Ascocendas* that I have seen (and it wasn't even the main flowering season!). I was fortunate to spend some time with Robert Fuchs and Michael Coronado at their nursery in early October 2005 when I was a guest lecturer for Speakers Day at the South Florida Orchid Society. Their hospitality was first class, thanks Bob & Michael. Unfortunately, only a week or so after my visit, Hurricane Wilma left a trail of destruction in that region, severely damaging their landscaped orchid gardens and one of their main stud houses. Robert told me they were still very lucky, as other collections and homes in the area had been wiped out. In this issue, Robert gives us some tips on growing vandaceous orchids. He is also the Co-Chairman for the upcoming 19th World Orchid Conference, to be held at Miami Beach, Florida in February-March 2008. For further information, or to be put on their mailing lists, please email: WOC19@aol.com

Eric Christenson has provided another article for this issue. This one relates to the "yellow" form of *Ascocentrum curvifolium*, which is quite a rare colour variant that has only recently re-entered cultivation.

There are a lot of warm-growing orchids covered in this issue. Perry Larsson discusses a rare intergeneric hybrid that just keeps flowering and Peter O'Byrne talks about a newly described tropical *Dendrobium* species. Regular contributor Jim Cootes showcases some of the variation found with *Phalaenopsis equestris*, whilst I provide some notes on a newly described *Bulbophyllum* species from Sulawesi.

It is sad to report the recent passing of Ron Tunstall, who was only in his early 50s. Ron had a deep interest in Australian orchids and natural history. He spent many years in the Illawarra district before moving to Wauchope on the mid-north coast of NSW about five years ago. He was most happy when spending time bushwalking, often with friends such as John Riley, and Ron had discovered quite a few new species to science and also recorded numerous range extensions as well. He did a lot for work behind the scenes, for David Jones and Mark Clements (from the National Herbarium in Canberra) and had the greenhood orchid – *Pterostylis tunstallii* (now *Bunochilus tunstallii*) named after him. Ron will be missed in Australian orchid circles.

Due to space limitations, we have held over the reports on the Orchids Expo 2005 held in Hamilton, New Zealand, the Western Australian Orchid Conference plus a number of book reviews over for the next issue. Best wishes to all of our readers, advertisers and contributors for a safe and enjoyable festive season, and best wishes for 2006.

**David P. Banks**  
Editor, Australian Orchid Review  
**davidpbanks@veritel.com.au**

## OUR COVER



*Dendrobium lasianthera*, read all about finding this orchid in New Guinea in Gary & Judy Backhouse's feature article on "In Search of the Sepik Blue". Photo: Gary Backhouse.



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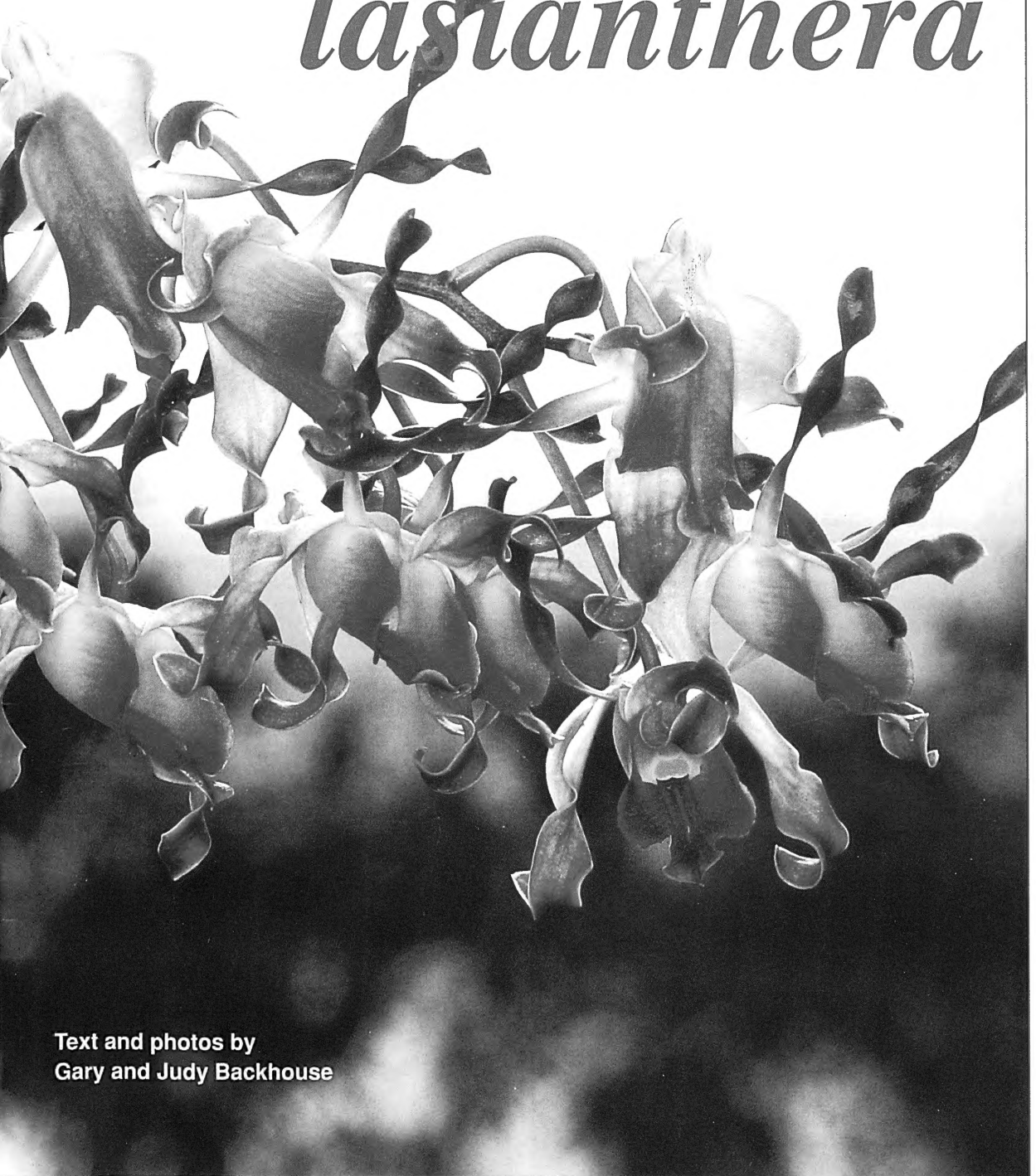
# In search of the Sepik Blue . . .



*Dendrobium lasianthera*



# *Dendrobium lasianthera*



Text and photos by  
Gary and Judy Backhouse



*Dendrobium lasianthera*- habitat shot

**T**he Sepik Blue, *Dendrobium lasianthera* (or *Durabaculum lasiantherum*), is one of New Guinea's most spectacular orchids. Despite its name, the Sepik Blue is actually not blue or anything like blue, but rather is a mix of rich mauves and reddish browns tinged with yellows and pinks. However, the name Sepik Blue has stuck, and is now part of the folklore surrounding this wonderful orchid. It is popular (if somewhat problematic) in cultivation in tropical climates, and the highly coloured, twisted flowers have been used in hybridisation to make some truly bizarre orchids.

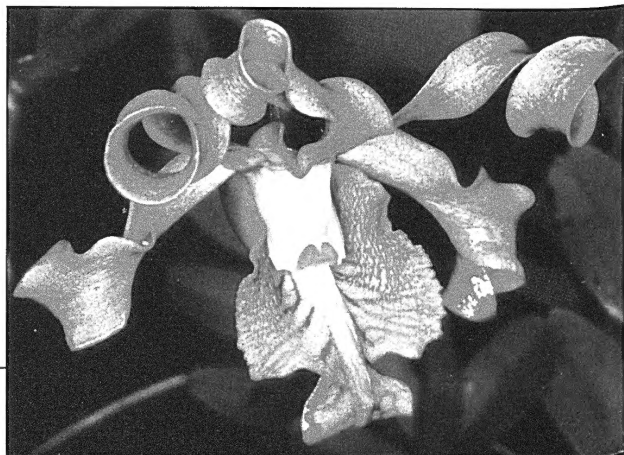
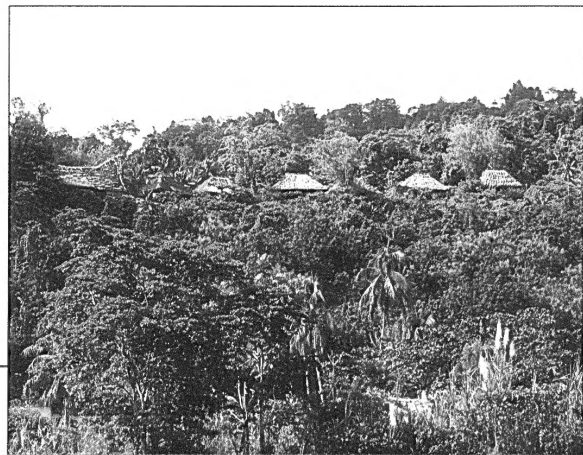
This colourful orchid has an equally colourful history, detailed in Andrée Millar's book *Orchids of Papua New Guinea* (1999, pp. 62–63). The first collection from Papua New Guinea is credited to the Australian coastwatcher, Captain Ned Blood, who, in 1942 during World War Two, collected a plant from the Ymas Lakes in the Sepik River basin as he was retreating before the advancing Japanese invasion of New Guinea. The specimen

Karawari Lodge

found its way into botanical circles, and was subsequently named *Dendrobium ostrinoglossum* by Rev. H.M.R. Rupp in 1953. However, unknown to Rupp, the Sepik Blue had already been named *D. lasianthera* by J.J. Smith in 1932, from specimens collected in West Papua. *Dendrobium lasianthera* is widely but patchily distributed in lowland swamp forests in New Guinea, mainly in West Papua. In PNG it is most common in the Sepik River basin, but occurs sporadically further east towards Lae. Despite being collected in 1942, virtually nothing was known about this orchid and its habitat in PNG until 1969, when Andrée Millar, accompanied by two other giants in Australasian orchidology, Alick Dockrill and Len Lawler, made her way back to the Ymas Lakes to see and collect the Sepik Blue.

We were planning a trip to PNG to photograph orchids in the wild. After reading Andrée's account of seeing this superb species, we were keen to include the Sepik Basin in our itinerary, in the hope of seeing *D. lasianthera*. Trans Niugini Tours has a

*Dendrobium conanthurum*





**Above:** Ymas Lakes



**Inset:** Sepik River from Karawari Lodge

lodge located in the splendid isolation of the Karawari River, reasonably close to the Ymas Lakes. Upon making inquiries we found that yes, it would be possible to visit the lakes, and have a good chance of finding this orchid. So, in April 2005, we found ourselves in a light aircraft, weaving among the mountain peaks following subalpine valleys through the highlands of PNG. Suddenly the mountains fell away, and there was the vast expanse of lush tropical green of the Sepik River basin stretching away into the haze, a huge area of dense lowland forest cut with a maze of large meandering rivers that provide the highways and life blood of the people living there.

Stepping out of our aircraft at Karawari strip we were immediately hit by the hot steamy conditions, in stark contrast to the previous several days spent in the cool highlands. A short walk, boat and vehicle ride left us dripping with sweat, then we arrived at the superb Karawari Lodge to a welcoming cold drink and damp towel. Situated high on a ridge overlooking the Karawari River,

the lodge has a breathtaking view over the Sepik basin. It holds a wonderful collection of artefacts from the Sepik and other lowland areas of PNG, plus has ornately carved poles and beams in the style of traditional Sepik spirit houses. Karawari Lodge was to be our base for the next two days.

The next morning we set off by boat up the Karawari River for Ymas Lakes, stopping at several villages along the way, meeting local villagers and learning about their traditional lifestyles, largely unchanged over hundreds of years. As we slowly cruised up river, young children were leaping off the bank and from trees into the flowing water and swimming towards us, completely at home in the river, real water babies. Finally, from the main river we took a narrow channel through thick swamp reeds, and then emerged onto the main lake. It was a truly stunning scene – not a breath of wind, the flat glassy water a perfect mirror reflecting the surrounding forest and distant mountains. The lakes are fringed in parts with small freshwater mangroves *Nauclea* species that

Blyth's Hornbill



Ymas Lakes from the Air







*Luisia* aff. *teretifolia*

*Spathoglottis papuana*

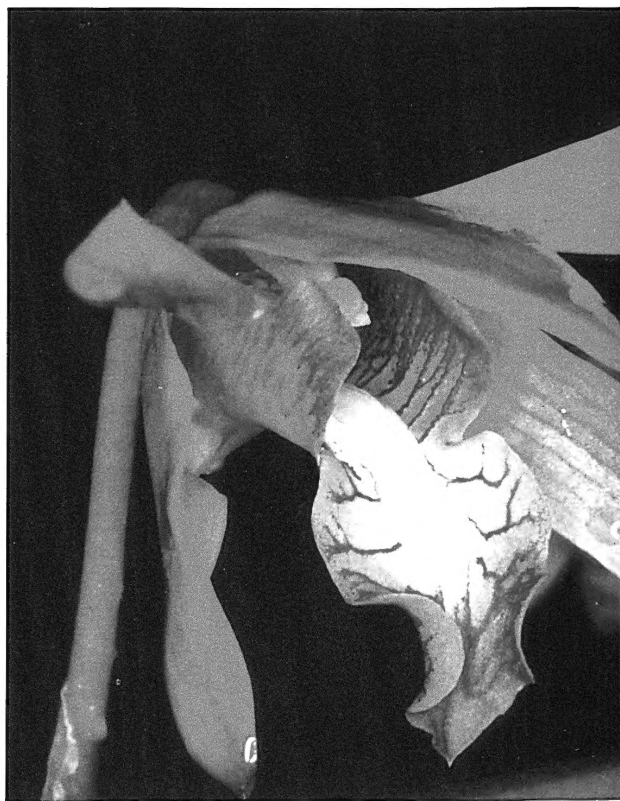


provide a host for many orchids. We cruised the shallows of the lake margins and, with binoculars, started scanning the trees, and our guide Chris soon spotted the first flowering plant of *D. lasianthera*, quite high up. We quickly found several more, and finally, a flowering plant within touching distance. What a treat! Other orchids seen in flower in the area included *Dendrobium* (*Durabaculum*) *conanthum*, *Dendrobium* (*Durabaculum*) *mirbelianum*, *Dendrobium* (*Ceraia*) *litorale*, *Dendrobium* (*Ceraia*) *macfarlanei*, the white and green form of *Dendrobium* (*Coelandria*) *smillieae*, *Luisia* aff. *teretifolia* with a pale labelum, *Pholidota imbricata*, *Spathoglottis papuana* and several *Bulbophyllum* species.

Another real treat at Karawari was the bird life, especially the parrots, including brightly coloured Eclectus Parrots, Red-cheeked Parrots, Western Black-capped Lories and huge black Palm Cockatoos. On dusk, thousands of lories from across the Basin converged on a group of trees a few hundred meters from the lodge to roost, the sight and sound of this great mass of screeching birds flying in and settling down quite incredible. Another impressive bird is Blyth's Hornbill, whose huge bill is sometimes worn as an adornment by the local tribes. The bird highlight was undoubtedly watching a male Twelve-wired Bird of Paradise going about his display trying to attract an obviously reluctant mate.

That night, sitting on the veranda of Karawari Lodge, condensation beading and rolling down the chilled glass of beer, watching the sun set over the forest, the increasing buzz of insects and the first fireflies appearing in the gathering darkness, we felt very privileged to have visited this special part of the world. For us, despite the temperature and humidity, the travelling was easy, with a hot shower, soft bed, cold drink and delicious meal being prepared by our excellent hosts, rounding off a superb day. We

*Dendrobium mirbelianum*





*Dendrobium litorale*

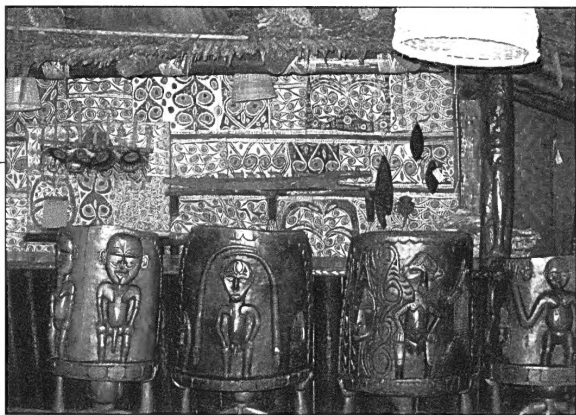
*Dendrobium smillieae*



had total admiration for the days when Andrée and her colleagues explored these steamy jungles, travelling by trawler and canoe, staying in villages and camping in the forest.

It was a short, whirlwind trip to PNG, but we returned to Australia much the richer for the experience, with a better appreciation of the wonderful people and beautiful land that is Papua New Guinea, and of course its marvellous orchids. Papua New Guinea has received some bad press recently, and there are problems in some areas and tensions between our Governments. However, visitors to the country are quite safe, provided the usual sensible precautions are taken when travelling anywhere else in the world. Trans Niugini Tours did a great job in organising our trip. The people we met throughout the country were terrific, and we were warmly welcomed everywhere we went. Our fondest memories are travelling through the forest with the local landowners looking for orchids and birds, our enthusiasm and delight with each new discovery matched by their laughter and smiles. Our thanks to the Australian Orchid Foundation, the Pacific Biological Foundation and Trans Niugini Tours for supporting this trip. ■

*Gary & Judy Backhouse  
Greensborough, Victoria  
Email: outbackorchids@hotmail.com*



**Above:** Statue at Lodge

**Left:** Karawari Lodge Bar

**Below:** Ymas Lakes







*Ascocenda* Ken Kone 'Confetti' AM-AOS

# Vandaceous Orchids: their care and culture

by Robert F. Fuchs

The objectives of good orchid culture are to promote robust, disease-free plants with high quality blooms. These goals are especially important for vandaceous orchids which produce quality flowers only from strong plants.

The Vandaceous orchids which we will discuss fall mainly into the genera of *Vanda*, *Ascocentrum* and their combination *Ascocenda* (*Vanda* X *Ascocentrum*). For the purpose of culture, we may continue to treat *Euanthe sanderiana*, the reclassified species from which most of our popular vandaceous hybrids originated, within the genus *Vanda*.

When considering the cultural requirements of vandaceous plants, it is important to remember that all vandaceous

orchids are of monopodial growth habit. This type grows from the tip, or crown, of the plant. Lateral buds are present on the main stem and these may develop into plantlets when the plant has attained sufficient size and strength to support them. In accordance with the growth habit of the main stem, each plantlet will also continue to grow indefinitely from its tip. The inflorescences of vandaceous monopodial orchids are produced from the axils of the leaves which are arranged in two rows or ranks. The stem spaces between leaves are extremely variable in size, from less than an inch to several inches apart.

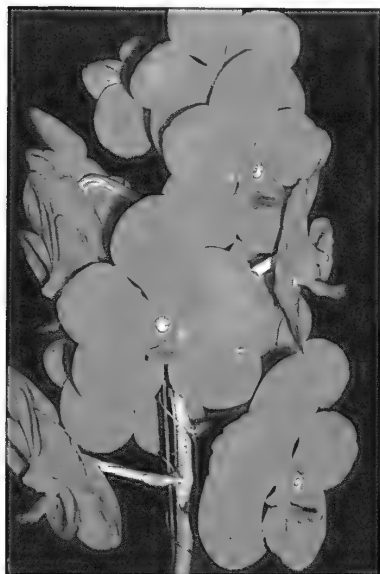
Vandaceous orchids can be further categorized by leaf shape into three groups

with somewhat different cultural needs. These are: strap-leaved, terete, and semi-terete.

Strap-leaved plants have flat, leathery leaves. This category includes such *Vanda* species as *coerulea*, *dearei*, *luzonica*, *merrillii*, *tricolor* and *sanderiana*, as well as the *ascocentrums*.

Terete orchids have tapering, pencil-shaped leaves which are circular in transverse cross-section. The most common species in this group are *V. teres* and *V. hookeriana*. These orchids are often placed within the genus *Papilionanthe*.

Semi-teretes, as they are referred to here, are a hybrid combination with some terete species in the background. Their leaves are somewhat pencil-shaped and



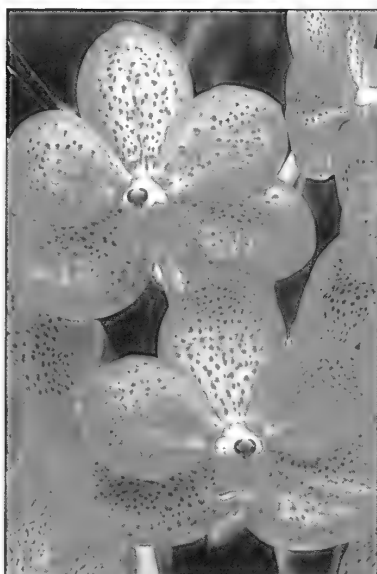
*Ascocenda* Crownfox Golden Dawn  
'Serendipity'

tapered but not always completely round in cross-section.

### Cultural Requirements

Cultural requirements can be generally summarized in the five categories of temperature, water or humidity, light, air movement, and fertilizer. We will consider each category individually as it applies to vandaceous orchids:

**Temperature** – Vandaceous orchids grow best under daytime conditions of 18°C or higher (65°F or higher), but can withstand long spells of hot weather and short spells of cold. They will continue in active growth anytime of the year if given warm temperature and bright light. Night temperatures should not generally be lower than 12°C (55°F). We have seen

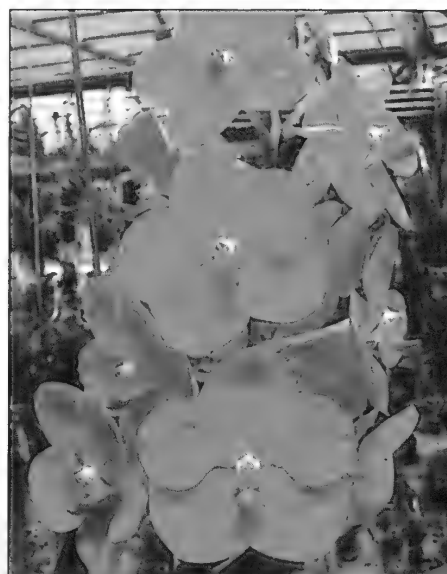


*Ascocenda* Boris (*Ascd.* Thai Spots X *V.* Pranerm Ornate)

some vandaceous plants withstand temperatures as low as 4°C (38°F) for 2-3 hours with damage to root tips and flower buds, but not to the plant itself. It is most important to protect plants from air movement during brief periods of extreme cold.

**Light** – The strap-leaved types can be grown indoors, in greenhouse conditions. With high humidity, maximum sunlight should be given with only enough shade to keep the temperature within the appropriate range. For our greenhouses in South Florida we use 46% shade cloth covered with 6 mil plastic on the top and sides of greenhouses, producing about 50% shade.

Terete vandas and their semi-terete hybrids are sun lovers. Not only will they



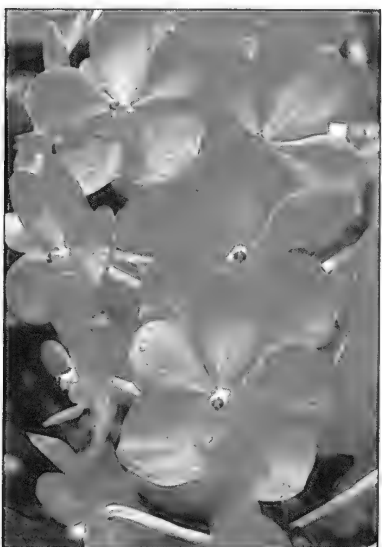
*Ascocenda* Crownfox Yellow Sapphire

flower year round in tropical areas, they are also floriferous in the subtropics. They can be grown in the full sun and are ideal for landscape use.

**Air Movement** – In the greenhouse, under summer sun, vigorous air movement from a fan is important to keep leaf temperature down and avoid cell damage from heat. As mentioned previously, it is important to restrict air movement under colder temperatures.

**Water** – A high daytime humidity is essential, especially on sunny days, and misting once or twice a day in bright weather will be helpful. On hot, sunny days around 80% humidity is appropriate. Water sparingly in winter, during long cloudy spells, or after repotting. In any season, avoid watering plants late in

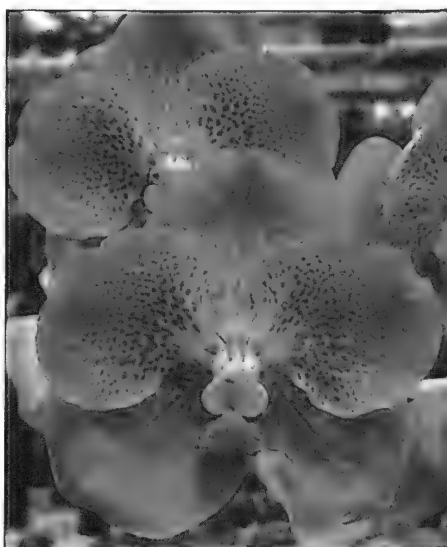
*Ascocenda* Fuchs Sunglow 'Starryln' AM-AOS



*Paravandrum* Jose Luis Garcia



*Vanda* Betty Baderman





*Vanda Bruce Danforth*



*Vanda Gordon Dillon 'Lea' AM-AOS*



*Vanda sanderiana*

the afternoon. Vandaceous plants should be dry before nightfall.

In addition to the natural ingredients of temperature, air and water, good culture of vandaceous orchids also requires some help from man-made supplies: containers, potting media, insecticides, fungicides, and fertilizers.

**Fertilizing** – Vandaceous orchids are heavy feeders. Once a week during the growing season, plants should be given a solution of a complete fertilizer. High-nitrogen fertilizers should not be used on vandaceous plants as they will inhibit flowering. All plants should be flushed thoroughly with plain water once a week to remove built-up salts. If using an automatic proportioner, plants may be fertilized as often as daily with a more dilute

solution. Whatever feeding plan you follow, remember it is important to be faithful to the regimen you have established.

At our nursery we use Peter's® 20-20-20 (All Purpose)® fertilizer weekly during the growing season. Inside the greenhouse, under a controlled environment, the concentration we use is the standard recommended one of 1 teaspoon per gallon. During the winter, i.e. non-growing season, we apply the same proportions every two weeks rather than weekly. In addition, at every third feeding we substitute Peter's® 10-30-20 (Bloom Booster)®. This substitution applies to plants in all seasons of the year. Further, once a month we add 1/4 teaspoon of SUPERthrive®, a concentrated vitamin and hormone solution for plants, to each

gallon of fertilizer solution.

**Potting** – Vandaceous plants will grow very well in any porous medium if properly aerated. Tree-fern chunks, coarse bark or charcoal are good choices. The roots should not be smothered by tight potting or soggy medium. Wooden baskets are preferred, but pots can be used if drainage is good. If potting in baskets, those made of teakwood are the best choice as they will last the longest. If teakwood is not available, redwood is a good second choice, and cedar a third option. We use 3" teakwood baskets for the first two years after seedling size, 6" baskets for the next two years, and 8" baskets for mature plants. Plants should be suspended so that the aerial roots are free; otherwise, the roots attach them-

*Vascostylis Prapawan 'Tanzanite' HCC-AOS*



*Vanda Laura Bush*





selves to the bench or wall and are damaged when the plants are moved. Recently potted plants should be maintained under slightly more shaded conditions until they are established.

Because vandaceous plants have large aerial roots, they do not like to be disturbed by removal from their container. Therefore, we "elevate" plants from smaller to large baskets. This step-up procedure is accomplished by soaking the roots briefly in water until they become pliable. Roots are then worked through the slats in the larger basket as the old smaller basket and plant are placed intact in the larger basket. Never coil the roots around the old basket because vandaceous plants will feed better with an unrestricted root system. A few large pieces of charcoal can be added to hold the smaller basket securely within the larger, or wiring the smaller basket into the larger will accomplish the same result. This method minimizes shock to the plant and permits continued,

*Vanda* Scott Thompson (V. Darre's Golden Heritage X V. Fuchs Sunbeam)



*Vascostylis* Crownfox Magic 'Pink Pearl'



uninterrupted growth. Adding SUPERthrive® to the water used to soak the plant will further minimize its shock and seems to encourage faster growth of new roots.

There are occasions, however, when disturbing the roots cannot be avoided, e.g. a rotten basket, or repotting of plants grown in pots. These plants should be soaked in water, removed as carefully as possible, and placed in a solution of vitamins/hormones and fungicide, allowed to soak 5 minutes and then potted in a new basket.

The best season for the potting or repotting of vandaceous plants is late spring to early summer, but these orchids may be repotted at almost anytime of the year.

Since Vandaceous orchids grow rapidly with good light, water and regular fertilizing, seedlings should be grown in 3" pots, using a mix of fine charcoal and tree-fern fibre, and loosely potted. Seedlings should be kept in slightly more shaded conditions than mature plants, but included in same water and fertilizer programs. Humidity and good air movement should be maintained. ■

(All plants grown by R.F. Orchids, photos by David P. Banks)

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# The Yellow *Ascocentrum curvifolium*

by Eric A. Christenson

**T**racking down names below the level of species is difficult because nearly every available index stops at the species category. And unlike the publication of new genera or species, subspecific names are often casually published in passing, especially in horticultural literature, rather than getting separate articles devoted to them.

In recent times a yellow-flowered form of *Ascocentrum curvifolium* has entered horticulture and been fairly widely distributed. Most of the plants can be traced back to the clone 'R. F. Orchids' which carries the dual awards of AM/AOS (Award of Merit) and CHM /AOS (Certificate of Horticultural Merit). As it turns out, this colour form has actually re-entered horticulture after a century of being lost. A striking variant of the typical orange-flowered species, recognition of this form requires a new combination.

*Ascocentrum curvifolium* f. *luteum* (B. S. Wms.) Christenson, **comb. et stat. nov.**

Basionym: *Saccolabium curvifolium* var. *luteum* B. S. Wms., Orch. Grow. Man., ed. 7:700. 1894.

Synonym: *Saccolabium curvifolium* var. *regnieri* Cogn., Chronique Orchid. 166. 1898.

I am unaware of any original material having been preserved of either variety but there is little question about the application of the names. Typical *Ascocentrum curvifolium* was well known to growers and botanists of the day. Williams described his variety *luteum* as "a somewhat rare plant . . . the flowers, however, instead of being orange-scarlet, are clear yellow." Similarly, Cogniaux described the flowers of variety *regnieri* as "d'un beau jaune foncé" (a beautiful dark yellow). ■

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*Ascocentrum curvifolium* forma *luteum*  
(Grower: The Orchid Centre, Hawaii,  
Photo: David P. Banks)

# Variation within *Phalaenopsis equestris*

by Jim Cootes

Whilst travelling by road, throughout the provinces of the Philippines, one of the most commonly seen plants growing in provincial gardens is *Phalaenopsis equestris*. The reason for this is that the plant is widely spread throughout the Philippines and is very easy to grow in the tropical lowlands. I have seen plants growing on the trunks of coconut palms, tied to the small branches of ornamental trees or growing in terra-cotta pots. Whenever this plant is seen it usually is in flower.

What really struck me one day, whilst looking at pictures of *Phalaenopsis* species, from various sources, was the colour variation in *P. equestris* – hence this article. A number of the colour forms have been recognised both botanically and horticulturally. In his recent monograph on the genus *Phalaenopsis*, Eric Christenson recognises the following colour forms:

*Phalaenopsis equestris* var. *rosea* Valmayor and Tiu, is the variety with evenly pink coloured sepals and petals and a purplish labellum.

*Phalaenopsis equestris* fma. *alba* (Hort.) E.A. Christ., which is the albino form of the species.

*Phalaenopsis equestris* fma. *aurea* (Hort.) E.A. Christ., has white sepals and petals, with a bright yellow labellum.

The following form of this species was described by Olaf Grub in the German orchid magazine *Die Orchidee* in 2001.

*Phalaenopsis equestris* fma. *cyanochila* O. Grub, has white sepals and petals, with a bi-coloured labellum. The apical portion of the labellum is bluish in colour and the basal part is bright yellow.

There are a number of other colour variations in this species but they do not merit recognition at any level other than horticultural. This species has a number of features that endears it to growers:

- Generally the plants don't get too big and are easily grown;
- The upright inflorescence will produce many branches on a mature plant;
- The flowers, though not big, are produced in good numbers and

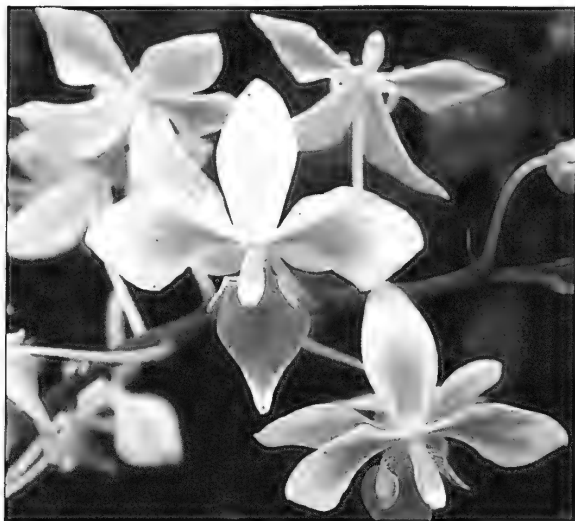


*Phalaenopsis equestris* 'Brown Lip' (photo David Titmuss) brown lip

are quite showy.

The main colour variation in this species is with the labellum. Labellum colours I have seen are pure white, bright yellow, brown, purple, pink, red and shades in between. Variation also occurs in the colour of the sepals and petals. The majority of clones have white or pink floral segments, but there are also splash-petalled clones occasionally seen. There are also peloric forms (a peloric form is where the petals take on the shape and colour of the labellum) but these are not frequently seen.

*Phalaenopsis equestris* is recorded from throughout the Philippines and has also been found in southern Taiwan. It grows as an epiphyte at elevations from sea level to about 300 metres.



*Phalaenopsis equestris* (photo Jim Cootes)



*Phalaenopsis equestris* (photo Jim Cootes)

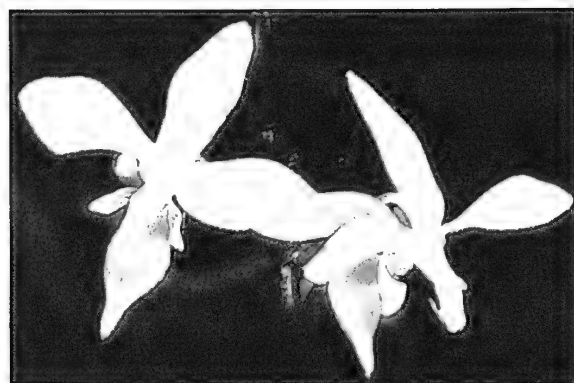




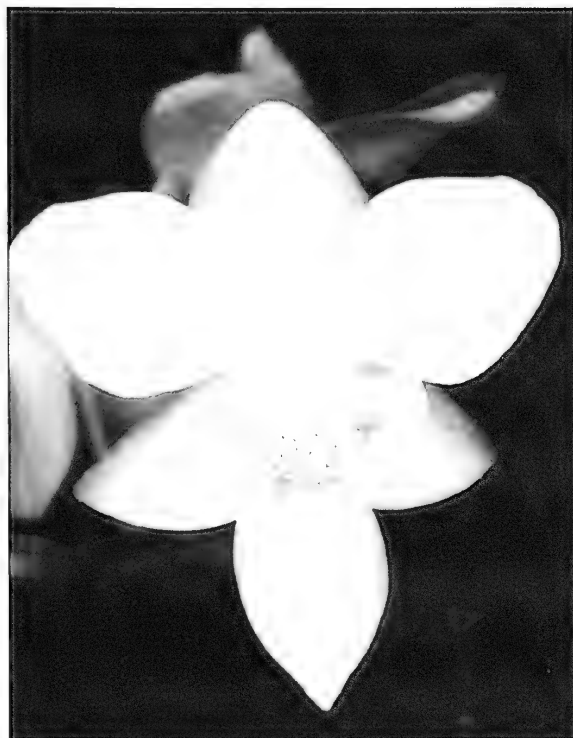
*Phalaenopsis equestris* var. *rosea* (photo Ron Parsons)



*Phalaenopsis equestris* (photo Ron Parsons)



*Phalaenopsis equestris* forma *cyanochila* (photo Olaf Gruff)



*Phalaenopsis equestris* forma *alba* (photo David Banks)



*Phalaenopsis equestris* forma *aurea* (photo Gary Yong Gee)



*Phalaenopsis equestris* (photo Ed deVogel)

#### Cultivation:

This species is very easy to grow and I have grown plants in both pots and on mounts in the Sydney region. There is one important thing for the successful cultivation of this plant in the cooler southern states of Australia – it needs a winter minimum of 15 degrees Celsius at night. Otherwise its leaves will get large black marks and soon drop off. The plants grown in plastic pots are in a mix of treated pine bark (70%), granite pebbles (20%) and large pieces of perlite (10%). The plants can be cultivated on mounts of tree fern fibre or natural cork. Mounted plants need to have sphagnum moss placed over the roots to maintain moisture until they are well established. They are kept under 80% shade in the summer and 50% shade in the winter. There is an electric fan running 24 hours a day to keep the air circulating and the humidity is kept as high as possible. Plants are fertilised with



*Phalaenopsis equestris* (photo David Banks)

both organic and inorganic fertilisers at half the manufacturer's recommendation.

For people in the tropical north of Australia this is an ideal plant for the bush-house. In the southern states, it is also a good grower; just keep the temperature up to it during those cold winter nights.

A worthwhile addition to any orchid collection and some of the colour forms are very spectacular.

#### Acknowledgements:

Sincere thanks to Olaf Gruß for the use of his picture of *Phalaenopsis equestris* fma. *cyanochila*. David P. Banks, Gary Yong Gee, Ron Parsons (USA), David Titmuss and Ed deVogel (The Netherlands) also provided either slides or digital images to illustrate this article.

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*Phalaenopsis equestris* (photo Ed deVogel)



*Phalaenopsis equestris* (photo David Titmuss)



*Phalaenopsis equestris* forma *alba* (photo Jim Cootes)



*Phalaenopsis equestris* – peloric form (photo Gary Yong Gee)

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*Coryanthes mastersiana* x *Stanhopea reichenbachiana*

## The *Coryhopea* that kept flowering

Text & photos by Perry Larsson



*Coryanthes mastersiana* x *Stanhopea reichenbachiana*

Early December 2004 I purchased a plant marked *Coryanthes mastersiana* x *Stanhopea reichenbachiana* at an orchid auction. The plant had two inflorescences on top of the media, and these grew quickly towards and over the rim of the basket and flowered late December with two flowers each.

The flowers had a similar shape as *Stanhopea reichenbachiana* but with the colours of *Coryanthes mastersiana*. They had a very pleasant spicy fragrance that is released at different times during the day, similar to the way *Gongora* species release their scent. The flowers lasted three to four days, but since December last year the plant has kept flowering and to date there have been 52 inflorescences most with two flowers but some with three. Two flowers opened on November 2, 2005 and I cannot see any more coming, so I assume this is it for the time being.

The lip of the flower is slightly different to *S. reichenbachiana*, the upper part being not as rounded but has the same hump in the "chute". The horns that are fused to the lip are longer and split from





Above: *Stanhopea florida* x *Coryanthes superba*

Left: *Coryanthes mastersiana* x *Stanhopea reichenbachiana*

the lip at the end. The plant produces nectar from extra-floral nectaries on new shoots and also on flower buds which dries to small white lumps. When I first noticed the lumps I suspected some kind of white scale, but was assured when checking Dr.G.Gerlach's web site "The Genus *Coryanthes*". There both text and photos show that extra-floral nectaries are common in *Coryanthes*. I have noticed some nectar on other *Stanhopea* and also on the bracts of *Gongora* species, but not to same extent as on this plant.

At the same auction I also purchased another *Coryhoepa* marked *Stanhopea florida* x *Coryanthes superba* that flowered in January 2005, but the inflorescence came out through bottom of the basket like a typical *Stanhopea*. There were two flowers with similar colouring as *S.florida* but with different shape and form. I have so far not been able to find any reference to "*C. superba*" anywhere.

When the last two flowers on the *S. reichenbachiana* cross die off I will repot the plant in a larger basket as there are many new shoots and hope for the same good flowering in the future. I have also crossed the *Coryhoepa* with a *Stanhopea wardii* var. *aurea* and sent a seed pod for flasking service and eagerly waiting for result.

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# Some comments on

# *Dendrobium sutiknoi*

## (and on describing new *Dendrobium Spatulata* species)

Text and photos Peter O'Byrne

Earlier this year I published a description of the new species *Dendrobium sutiknoi* in the German magazine *Journal für den Orchideenfreund* (Jahrgang 12, heft 2, 2nd quartal 2005). My first encounter with this species was in Kuala Lumpur during the World Orchid Conference in April 2002, when the Indonesian orchid enthusiast Mr Wirakusuma showed me a photograph of a plant that he thought was probably a new *Dendrobium* species. He was right; it was an undescribed species from section *Spatulata*, and I subsequently published it as *D. sutiknoi*.

Since then various people have sent me photos of supposedly-undescribed *Dendrobium* species (mostly in section *Spatulata*), in the hope that I'll describe and publish them. I have rejected every one of these kind offers, and I fully expect to reject many more over the next few years. What many people apparently fail to realise is that I do not describe species (new or otherwise) from photos alone; I require far more evidence that the species actually exists before I will do anything about it. The circumstances surrounding the discovery and eventual publication of *D. sutiknoi* were unique, and are unlikely to be repeated soon.

The problems fall into three overlapping categories; variation, hybridisation and provenance.

### Variation

Most species in section *Spatulata* are variable in the wild; some of them (*D. discolor* springs to mind) exhibit an extreme amount of variation. This natural variation has not been fully documented, so there is a good chance are that any new "undescribed species" is nothing more than a variation on an existing species.

### Hybridisation

Plants in *Dendrobium* section *Spatulata* hybridise readily, and the section has been used extensively in hybridisation programs for 80-90 years. Just about every conceivable hybrid form has been produced, so there is a high probability that any new "undescribed species" is nothing more than a hybrid. Any "undescribed species" in any widely-hybridised genus (including *Dendrobium*, *Bulbophyllum*, *Aerides*, *Phalaenopsis*, *Vanda*, etc) should be assumed to be an artificial hybrid, unless it can be proven otherwise.

### Provenance

When the possibility of hybridisation exists, it becomes essential to know that the



plant actually exists in the wild, so provenance becomes the critical issue. Provenance means being able to state exactly where in the wild the specimen of the "undescribed species" came from. A tiny proportion of the photos I get sent could possibly be new species (as opposed to varieties or hybrids), so I enquire about their provenance. Almost without exception, they were found growing in a nursery, garden or orchid collection. It is impossible to exclude the possibility of a hybrid origin, leaving us with no option but to reject them as potential new species. Sometimes I get told "the nursery/previous owner swore that the plants were collected in this location". I was recently sent photos of a green-flowered "undescribed species" that the owner swore was collected in the wild from a specific location in Malaysia.... it was a *Catasetum* hybrid! So much for swearing. If no-one has seen the thing in the wild, I have to assume it was created by a toothpick. Even if a plant is known to occur in the wild, it does not exclude a hybrid origin. In several parts of Indonesia and New Guinea hybrids have become naturalised and are further hybridising with the indigenous species, creating a "hybrid front" that steadily radiates outwards from the initial point of release.

Why was *D. sutiknoi* so unique that I decided to publish it? I quickly decided that it could not possibly be a variation on an existing species; no other *Spatulata* species is even close to it. Secondly, it could not possibly be a hybrid.... the only other *Dendrobium* species with a similar midlobe are *D.*

*tobaense* and *D. ayubii*. Both are in the wrong section, both were discovered too recently to have become naturalised on distant islands, and (most importantly) in both species the "rat-tail midlobe" is a recessive character that is not passed on to hybrid offspring. So I checked the provenance thoroughly. The plants were of nursery origin (bad) but the nursery said they had collected the plant twice, once from Irian Jaya (Papua) and once from Morotai Island. This reduced the (already negligible) likelihood of the plant being a natural hybrid. However, I still wasn't prepared to describe it without any kind of corroborating evidence, so I circulated copies of my photos and diagrams to people who I thought might have encountered it. Sure enough, someone (totally unconnected with the nurseries in Java) reported purchasing a flowering plant of this species from a villager in Irian Jaya in the early 1990's, and trying to grow it at their home. The plant had died without flowering again.

That was good enough for me ... I sent the manuscript off for publication. Since then some further evidence has turned up ... the green-flowered Morotai Island form of *D. sutiknoi* was selfed, and plants from the resulting flasks were cultivated in Tretes (Java) and Singapore. The Singapore plants have just started flowering, and I'm happy to report that the flowers are identical to their parent.

Peter O'Byrne

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# *Bulbophyllum novaciae*

from Sulawesi

Text and photos by David P. Banks

Unfortunately there are still instances where manuscript names are happily bandied about, but sometimes take some years to be formally described....or sometimes they are beaten to the mark.

US magazine adverts have promoted the name "*Bulbophyllum onkostelidia*" for a couple of years now, for a large-flowered species from Sulawesi (Celebes). However, this name has not been formally described, and has now been gazumped with the recent publication of *Bulbophyllum novaciae* J.J.Verm & P.O'Byrne.

This taxon was first flagged as an unidentified species in a paper published in the Feb-March 2001 Issue of the *Australian Orchid Review* (66):1., being included in an article on large-flowered bulbophyllums by Jim Cootes. It was mutual friend Bill Williams' plant, who subsequently gave Jim and me divisions of this choice orchid. Ironically, Bill purchased this orchid, as an unflowered plant, under the name of *Bulbophyllum echinolabium*.

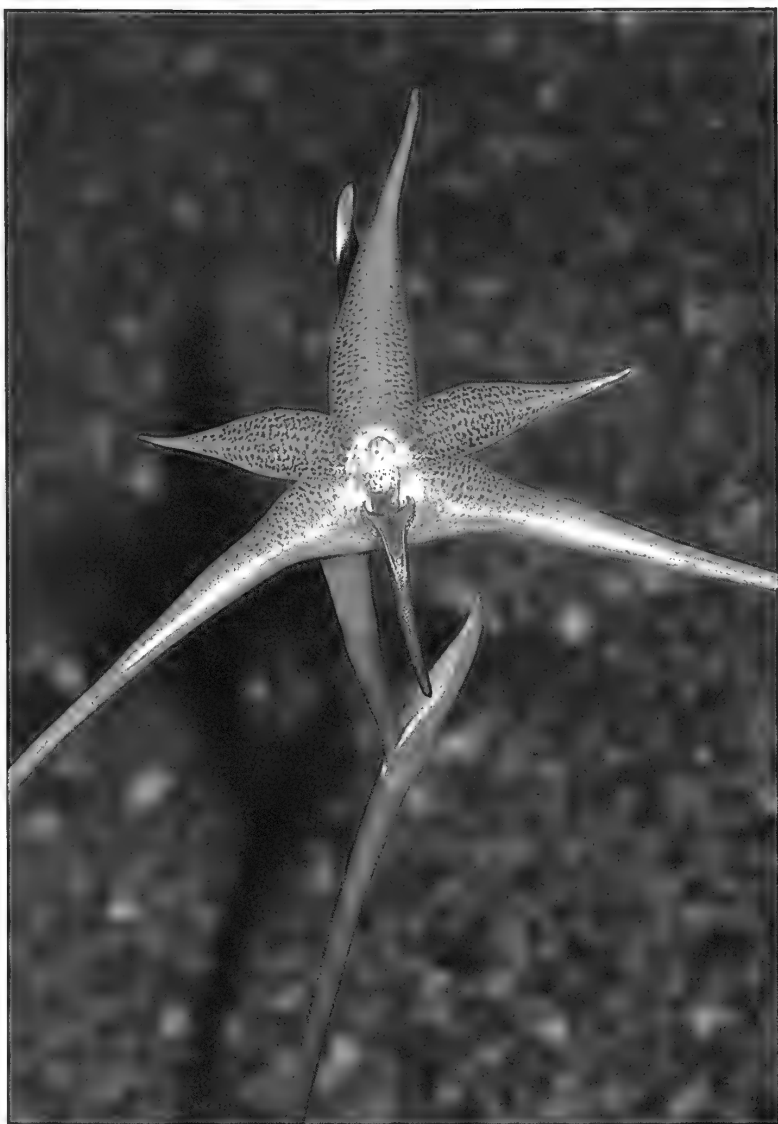
Anyhow, Jaap Vermeulen and Peter O'Byrne have recently described this species in the *Malayan Orchid Review* (Vol.37/2003), on pages 80-81 in their joint paper "A New, Large-Flowered *Bulbophyllum* in Sect. *Intervallatae* from Sulawesi". There are two colour photographs supplemented with one of Jaap's immaculate line drawings. The plant is named in honour of the daughter of the discoverer of the type specimen, Novac Devianti. A unique feature of this species is the upward-curved, hook-shaped stelia on the column, which are unknown in any other member of the Section.

## Plant Description:

**Growth Habit:** upright, sympodial. **Rhizome:** to 5 mm in diameter, bearing the pseudobulbs at intervals of up to 2 cm. **Pseudobulbs:** close together, ovoid, to 5 cm long by 1.8 cm in diameter; unifoliate. **Petiole:** to 6 cm long. **Leaves:** elliptic to obovate, to 21 cm long by 3.4 cm wide. **Inflorescence:** upright, to 47 cm tall, bearing up to 4 flowers. **Flower colour:** sepals and petals are gold to mustard-yellow, spotted with red. **Labellum** is dark red. **Column** is yellowish green with red spots near the base. **Dorsal sepal:** ovate-triangular, to 5.3 cm long by 1 cm wide. **Petals:** ovate, to 3 cm long by 8 mm wide. **Lateral sepals:** ovate-triangular, to 7.2 cm long by 9 mm wide. **Labellum:** recurved near base; triangular in shape, to 2.3 cm long by 6 mm wide.

## Habitat and Distribution:

This impressive species is from central Sulawesi (the Celebes) and grows in sec-



*Bulbophyllum novaciae*

ondary vegetation, on limestone boulders, under shrubs, at elevations of between 1,400 and 1,700 metres

## Cultivation:

My plant is growing very happily in a pot of sphagnum moss in my heated glasshouse (winter minimum 12°C (55°F)). When the plant gets a bit larger, I intend mounting it on a lump of soft treefern (*Dicksonia antarctica*) where it will be able to live undisturbed for years. It enjoys being kept moist, with ample air circulation.

So time to relabel your plant as *Bulbophyllum novaciae*, if you are lucky enough to have this impressive species in your collection. The name "*Bulbophyllum onkostelidia*" should be no longer used. Thanks to Jim Cootes for alerting me to this article and for providing the description of the plant, Bill Williams for the division in the first place, and the plant itself...for putting up another inflorescence! ■

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# Victorian Country Orchid Clubs Challenge 2005

Another very successful Victorian Country Orchid Clubs Challenge was hosted by the Cobden Orchid Club and congratulations and thanks must go to them on the work and effort they put into the running of this event. This year saw St. Arnaud & District Orchid Society Inc competing for the first time, and we extend a very warm welcome to them and hope they enjoy the fellowship and camaraderie generated by the Country Orchid Clubs Challenge. The Challenge continues to get larger and more popular each year and once again saw an increase in quality and quantity of plants exhibited, visitor numbers were also up, with several people staying in near-by towns and travelling to Cobden each day to enjoy the event.

The 2006 Victorian Country Orchid Clubs Challenge will be held in Horsham and plans are well under way, accommodation is being booked already so if you plan on coming, please make your arrangements soon.



*Paphiopedilum venustum* var. *measuresianum* HCC/OSCOV

**Major Prizes** of the 2005 Victorian Country Orchid Clubs Challenge were as follows:

Champion plant by a Junior member  
*Paphiopedilum insigne* M Bergen (Horsham)

Pre-eminent AOC Certificate:  
*Cymbidium Morialta* S Dunn (Horsham)

OSCOV Medallion (Best Display):  
St. Arnaud & District Orchid Society

COSV Plaque (Outstanding *Cymbidium*):  
*Cym. Pure Sarah* 'Gillian'  
J & L Hately (Warrnambool)

RHSV Trophy (Best Cultivated Orchid):  
*Paphiopedilum Crossianum*  
T & W Symes (Sunraysia)

The following orchids were awarded at the challenge:

*Zygopetalum* Blue Lake 'Atlantis'  
HCC/OSCOV. G & H Taylor (Warrnambool)

*Paphiopedilum venustum* var. *measuresianum* HCC/OSCOV. T & W Symes (Sunraysia)

*Cymbidium* Ruby Valley 'Emperor'  
HCC/OSCOV T & W Symes (Sunraysia)

*Masdevallia coccinea* var. *harryana*  
'Beenak' HCC/OSCOV M & A Coverdale (Cobden)

*Masdevallia Pichincha* 'Capeview'  
HCC/OSCOV G & H Taylor (Warrnambool)

*Esmeralda clarkei* CBM/OSCOV  
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# Notes on Intergenerics

By Brian Milligan

The orchid kingdom differs from other plant families in that many orchid genera are able to breed with other orchid genera to form what are known as intergeneric hybrids. *Cattleya* was one of the first orchid genera to be recognised as being capable of forming hybrids with other genera, in particular with *Laelia*, to give rise to the genus *Laeliocattleya* (abbreviated *Lc.* and first described by R.A. Rolfe in 1888). Hybrids with many other related genera, such as *Sophranitis*, *Schomburgkia*, *Brassavola* (*Rhyncholaelia*), *Epidendrum*, *Leptotes*, *Diacrium*, and *Broughtonia* have since been made; collectively they are popularly described as the *Cattleya* Alliance. Common hybrids in this alliance include *Sophralaeliocattleya* (abbreviated *Slc.*), *Brassolaeliocattleya* (*Blc.*), *Sophracattleya* (*Sc.*), *Cattleytonia* (*Ctna.*) and *Potinara* (*Pot.*). Occasionally exhibitors bench *sophralaelias* in the *Cattleya* Alliance, but *Sophralaelia* contains no *Cattleya* in its breeding, and therefore *sophralaelias* should be judged in the class for Any Other Hybrid.

The genus *Zygopetalum* is also capable of forming intergeneric hybrids with a number of related genera, such as *Pabstia* (formerly known as *Colax*), *Promenaea*, *Neogardneria* and *Aganisia*. These are often judged together under the umbrella of the *Zygopetalum* Alliance. Among the more common are *Zygocolax* (*Zcx.*, *Zygopetalum* x *Colax*), *Propetalum* (*Pptm.*, *Promenaea* x *Zygopetalum*), *Zygoneria* (*Zga.*, *Zygopetalum* x *Neogardneria*) and *Hamelwellsara* (*Hmwsa.*, *Aganisia* x *Batemannia* x *Otostylis* x *Zygosepalum* x *Zygopetalum*).

The *Masdevallia* Alliance includes hybrids between *Masdevallia*, *Dracula* and related genera such as *Porroglossum*. *Dracuvallia* (*Drvla.*, *Dracula* x *Masdevallia*) is the most common.

Many other orchid genera are capable of forming intergeneric hybrids, although in some instances, probably because of genetic disparities, the seed is not particularly fertile, and only a few seedlings germinate. Where only a few plants result, they are sometimes mass produced for sale by subsequent tissue culture. Ray Clement (of Tinonee Orchid Nursery, NSW), in his recent article in the Australian Orchid Review, described a number of Australian intergeneric hybrids that he and others had mericloned for sale. The list included *Sartylis* Jannine Banks (*Sarcochilus hartmannii* x *Rhynchostylis gigantea*), *Sartylis* Bravehart (*Sarcochilus* Fitzhart x *Rhynchostylis gigantea*), *Sarconopsis* Rita Anderson (*Sarcochilus* Lois x *Phalaenopsis rosenstromii*) and *Porterara* Blue Boy (*Sartylis* Blue Knob x *Vanda coerulea*). Strictly speaking, only the *Sarconopsis* is an Australian native hybrid, because both parents must be Australian natives for the hybrid between them to be judged as such.

Brian Milligan,  
North Balwyn, Victoria

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8893 Odontobrasia Ken Biven 'Bobby Dazzler'  
8851 Odontocidium Bittersweet 'Medicine Man'  
8848 Odontonia Lorraine's 14th. 'Okika Red'  
7998 Odontonia Lorraine's 14th. 'Bouquet Beauty'  
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## THIS & THAT

# Wollemi Pines (and are they relative to orchids?)

On October 23rd 2005 an auction was conducted in Rathbone Lodge in the Sydney Botanic Gardens and this auction did not present a single orchid for bidding but please read further.

The auction was conducted by Sotheby's and the items for sale to the highest bidders were 292 seedlings of a conifer, *Wollemia nobilis*, otherwise known as the world famous Wollemi Pine. One hundred lots were sold for a magnificent total of \$1,590,162.

One person acting as a purchasing agent for several different people purchased the first group of 15 seedlings ever sold for a cost of \$149,000 while another batch of 20 only managed to bring \$23,700. This same agent eventually purchased 47 trees for the princely sum of \$177,500 and after GST was added he was required to write a cheque for almost \$230,000. All of these trees were to remain in Australia with some going to private collections and others intended to grace Botanic Gardens across the country. The collection of 20 trees was destined for a famous avenue such as the Champs-Elysees in Paris. Other plants sold are expected to be used as features in large gardens and several were purchased to be used as donations to other Australian Botanic Gardens a hospital and one as memorial for a scientist who worked in determining the age of these rare plants.

A general public release of the pines will take place in April 2006 where plants from three to seven years of age will be sold. While the auction attracted much higher than expected prices due to the exclusivity some plants were more advanced than others and the public release will see a similar range of sizes available. These will range from plants in 150mm – 430mm pots with heights from 40cm – 1.5mts. Prices will be announced in the near future and will be in line with but hopefully not as high as those paid at auction.

Before I began writing this story I wondered how these plants were able to be sold with the possibility of some of them going to exotic locations, so I searched the CITES data base only to find the species is not listed. If my search was incomplete I am sure someone will let me know but no member of the Araucariaceae family was mentioned on the CITES list of Australian plants. As the name indicates the CITES Treaty states it is concerned with the international trade in endangered species.

David Noble, a New South Wales

National Parks officer originally discovered the Wollemi Pine in 1994, during one of his frequent canyoning expeditions through this vast area, which is a section of the Greater Blue Mountains area about 200km west of Sydney. The trees were thought to be extinct as long as 150M years ago and less than 100 are believed to remain *in situ* and all plants sold were from cuttings taken from this population. *Wollemia nobilis* is a very tolerant species and can withstand temperatures from -5°C-+45°C. A percentage from the sale of each plant will be set aside to aid conservation initiatives for many other threatened species.

While it is commendable the sale of these trees will aid other conservation measures, I find myself asking about the relativity of the pines to threatened orchids and could only manage to regurgitate a pet dislike of mine.

It is quite obvious the Wollemi Pines matter as they have a commercial horticultural value (read big dollars and publicity), whereas most threatened native orchid species are seen in a contrasting light. The difficulty with threatened epiphytic species is their lack of longevity, particularly as cut flowers. Terrestrial species face an even more difficult situation, as most are to varying degrees reliant upon a fungus for survival and seems the more threatened the species, the greater reliance on these fungi. As such they fall into the very difficult or impossible to grow category.

It is because of these obvious difficulties, most authorities (the three levels of government and developers), see these plants as having little or no value as they are unable to turn them into a horticultural commercial reality. This, I feel sure would explain the unwilling attitude of these authorities to seriously consider the plight of our threatened native orchids when a new road, airport, sporting field or shopping centre is being considered. It's amazing how the dollar value of something rare and threatened can divert the focus from legislative requirements to consider it only as an obstruction to be overcome and not as an intrinsic part of the national psyche. ■

Alan W Stephenson  
Nowra, NSW

Conservation Officer – Australasian  
Native Orchid Society

Conservation Director – Australian  
Orchid Council

Email: astephenon@town.com.au

# Has anyone seen *Cattleya brasiliensis* ?

Guido J. Braem, in The Brazilian Bifoliate *Cattleyas* lists this taxon as follows;

In 1891 Klinge received a plant

labelled *Cattleya bicolor* from Leitz who was then travelling in Brazil. When it flowered, Klinge recognised that it could not be identified as *C.*

*bicolor*. He published his description as *C. brasiliensis* in 1898. Although Klinge considered that this plant was probably a natural hybrid between *C. bicolor* and *C. aclandiae*, this position cannot be substantiated by experimental crossing. All plants from selfing or outcrossing *C. brasiliensis* remain identical to the parent plants, indicating that the gene pool of this taxon is stabilised, and therefore it may be considered a valid species. Because of the form and positioning of the petals, it appears to be closely related to *C. bicolor*.

The pseudobulbs differ from those of *C. bicolor*, being extremely elongate, slender and stem like, 40-50cm high, 8-10mm diam., verses, generally 25-80cm high, sub-cylindric, broader near the top. They have 2 elongate, lanceolate leaves, 16-20cm x 3.5-4cm. with sub-acute apices, verses 2 narrowly elliptical leaves, 10-20cm x 2.5-5cm with rounded apices.

Flowers are uniformly deep red-brown to purple on which are superimposed red spots, few or great in number. The distinctly trilobed labellum is light lavender, longitudinal grooves are yellow, margins of the lip deep lavender, column white with some yellow and lavender on the inferior side. Flowers of *C. bicolor* have sepals and petals uniformly bright copper-brown to green-brown, the labellum has a single lobe, bent ventrally 90 degrees away from the column, which is visible in the bud and acts as an easy identification. The labellum has a white ground cover flushed deep orchid-lavender.

The habitat is given as Esperito Santo, where *C. bicolor* and *C. harrisi-niana* partly overlap, and between these species a natural hybrid, *C. X wilsoniana* Rchb. 1877, occurs, which is said to be identical to *C. brasiliensis*. Braem states that if this proves to be correct, the valid name would be *C. wilsoniana*.

I once paid a Kings Ransom, to a Sydney nursery, for what I thought was this species, but it flowered as a very poor quality *C. bicolor*. I later discovered it had been listed in their catalogue, under slightly differently spelling, as a variety of *C. bicolor*. Can anyone direct me to the genuine *C. brasiliensis* ?

Bruce Bennett

24 Sunshine Drive,  
Cleveland, Qld 4163.

Email: bcbennett@powerup.com.au

## Australian Orchid Council Conference,

Port Macquarie, New South Wales, July 2006

Planning is well advanced for the next Australian Orchid Council Conference to be held at Port Macquarie in July 19th to 23rd 2006.

The lecture programme is now finalised, with the following speakers and topics confirmed:

Brian Milligan (Victoria)  
Roy Tokunaga (Hawaii, USA)  
Roy Tokunaga (Hawaii, USA)  
Roy Neale (New Zealand)  
Ron Parsons (California, USA)  
Ron Parsons (California, USA)  
Rudolf Jenny (Switzerland)  
Rudolf Jenny (Switzerland)  
Gary Yong Gee (Queensland)  
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Australian Epiphytic Orchid Species  
Wild Orchids of New Guinea  
Growing Slipper Orchids  
Introduction to Brazilian Orchids  
*Cattleya* Species and their Hybrids  
Judge's Breakfast and After Dinner Speaker

For more information, visit: [www.members.optusnet.com.au/~aoc2006](http://www.members.optusnet.com.au/~aoc2006)

We are inviting selected nurseries so that we can cater for all aspects of orchid growing and have had acceptances from many we have contacted. There will be something for everyone attending.

As both promotion and fundraising for this conference, with UNSW Press we have released the *Orchids of Australia* Diary. John Riley's magnificent drawings reproduced on over 50 pages in full colour. This is not just a diary but a book to be treasured. This is available from Tinonee Orchid Nursery and Orchidaceous Books at a cost of \$30 each with a discounted rate (10%) for purchases of 10 or more. There are limited numbers available and we are expecting they will go quickly so get your order in.

This is going to be a very special conference for New South Wales. The local Societies are looking forward to this event with great enthusiasm that will ensure its success. We hope to see all our orchid friends joining us next year.

Organising Chairman, Ken Siew Email: [kenksiew@yahoo.com](mailto:kenksiew@yahoo.com)

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# Orchids Are Forever

by Brian Milligan

Newcomers to the orchid scene are sometimes surprised at the relatively high cost of orchids. Having been accustomed to buying a punnet of petunia seedlings for \$2 and then seeing their plants in flower a few months later, they are amazed to find that a small Australian native *Dendrobium* seedling may cost \$5 or more – a shock that's compounded when they're told that it probably won't produce its first flowers for another two or three years! What they fail to appreciate is that their *Dendrobium* seedling, if properly cared for, will live forever, whereas their petunias will be nothing but a memory in the compost heap within six months!

Provided that pests and diseases are controlled as soon as they appear, and that the potting mix is renewed every few years, the orchid should continue to increase in size indefinitely. However, the plant will ultimately become so large as to be unmanageable unless divided. Especially in the case of awarded plants, it's a wise precaution to keep two or three of the divisions as insurance in the unhappy event that a fungal or viral infection affects the original plant.

There are examples of particular orchids that have been maintained in cultivation for over a century, usually in the collections of long established family orchid nurseries. In these days of tissue culture, it's impossible to say whether a particular orchid (such as a *Cymbidium* or *Cattleya*, for instance) is a division of an original, antique orchid, or whether it's a mericlone of that plant.

Only in the case of paphiopedilums can one definitely say that a particular cultivar must be a division of the original plant, because it's still impracticable to replicate slipper orchids by tissue culture. Thus, those rare plants of *Paphiopedilum insigne* 'Maulei' that are occasionally seen in Melbourne must be divisions of the plant first awarded by the Royal Horticultural Society in London in the 1880s. It's difficult to say when a division of this awarded plant first reached Australia. Perhaps it arrived during World War 2, when English nurseries sent many of their prize orchids to Australia and USA to ensure their survival. These orchids may have been returned to their original owners when hostilities ceased, but I'm sure that a few divisions of the most highly prized plants were first removed!

Most are gone today, but there are reports of many enormous specimen plants of species orchids being collected from the wild during the nineteenth century. It's known that most species orchids grow much more slowly in the wild than in cultivation, and it was estimated at the time that the larger ones were hundreds of years old. On this basis, I don't think it's too much of an exaggeration to say that in many cases, "Orchids Are Forever!"

Brian Milligan,  
North Balwyn, Victoria

## Aspley Orchid Society

Summer! What's happening in the orchid world? Aspley's Summer Orchid Show of course! Our Summer Orchid Show will be held in the Auditorium of the Mount Coot-tha Botanic Gardens on the weekend of 11th and 12th February 2006. Opening hours will be from 9.00am to 4.00pm.

We will be celebrating 30 years as an orchid society and the feature of this show will be the increased value of the championship prizes as well as some new prizes, eg Best *Cattleya* Alliance hybrid Exhibit, Best *Oncidium* Hybrid Exhibit, etc.

This is an open orchid show – open to members of all other orchid societies to bench their flowering orchids. The Novice section is restricted to Aspley Members. Set up will be from 2.00pm on Friday 10th February and must be completed by 7.30pm. Presentation of prizes will be at 3.45pm on Sunday.

Displays by Peters Glen, Orchidaceous Books, nurseries and other societies will help fill the auditorium. Come and be part of the first show for 2006. Interstate visitors are particularly welcome and should introduce themselves at the door.

Jan Patterson  
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# NEW ORCHID HYBRIDS

July - September 2005 REGISTRATIONS

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NAME	PARENTAGE	REGISTERED BY
<b>AERIDACHNIS</b> Rosemoot	<i>Aer. odoratum</i> x <i>Arach. flos-aeris</i>	RHS(O/U)
<b>AERIDOVANDA</b> Somari Sunlight	<i>Aer. lawrenceae</i> x <i>V. Rasli</i> Gold	S.Boonyam
<b>ANGRAECUM</b> Sorodela	<i>Angcm. sororium</i> x <i>Angcm. magdalenae</i>	RHS(O/U)
<b>ANGULO</b> Clowbis Hohen's Flora Rosemoore	<i>Ang. clowesii</i> x <i>Ang. brevibrabris</i> <i>Ang. hohenkii</i> x <i>Ang. uniflora</i> <i>Ang. rollei</i> x <i>Ang. uniflora</i>	RHS(O/U) RHS(O/U) RHS(O/U)
<b>ANGULOCASTE</b> Anka Eban Irene's July Wisley Surprise	<i>Lyc. Cape of Island</i> x <i>Angest. Antromeda</i> <i>Ang. Irene</i> x <i>Lyc. Luciani</i> <i>Ang. uniflora</i> x <i>Lyc. Jackpot</i>	RHS(O/U) RHS(O/U) RHS(O/U)
<b>ARANDA</b> Chao Praya Blue Chao Praya Dot Com	<i>Aranda Christine</i> x <i>V. corollae</i> <i>Aranda Christine</i> x <i>V. Thananchai</i>	Chao Praya Orch. Chao Praya Orch.
<b>ASCOCENDA</b> Ed's Delight Golden Gulf Jane Louise Jokenny Jungli Lord Lanna Major Wah Memoria Spence Hubbard Somari Sunset Somari Velvet Suey's Golden Pleasure Sylvia Green	<i>Ascid. Fuchs Golden Shiner</i> x <i>V. [Eua.] sandieriana</i> <i>Ascid. Simon Gold</i> x <i>V. Gulf of Siam</i> <i>Ascid. minidum</i> x <i>Ascid. Ansel</i> Gold <i>V. Desphrine</i> x <i>Bero</i> x <i>Ascid. Madame Kenny</i> <i>V. Meg Laughlin</i> x <i>Ascid. Motes Goldpiece</i> <i>Ascid. Aphanat</i> x <i>Ascid. Bangkokian Gold</i> <i>Ascid. Major Choo</i> x <i>Ascid. Tpi Sun Wan</i> <i>Ascid. Buddy Choo</i> x <i>Ascid. Eileen Velvet</i> <i>Ascid. Jukhtik Gold</i> x <i>Ascid. Tublin Velvet</i> <i>Ascid. Tublin Velvet</i> x <i>V. Doctor Anek</i> <i>Ascid. Simon Gold</i> x <i>Ascid. Jiraprapa</i> <i>Ascid. Brighton Fuchsia</i> x <i>V. Gordon Dillon</i>	E.Gilliland RHS(O/U) J.Kook(O/U) T.Orchids T.Orchids T.Orchids RHS(O/U) J.C.Williams S.Boonyam S.Boonyam H&D Steyni(kulana) R.F.Orchids
<b>BANFIELDARA</b> Gilded Tower	<i>Adgm. Summit</i> x <i>Bsdm. Gilded Urchin</i>	Mauna Kea Orch.
<b>BEALLARA</b> Lunatic Fringe Purlic Treasures Purple Haze	<i>Oda. Helen Perlit</i> x <i>Blira. Tropic Splendor</i> <i>Oda. Abette</i> x <i>Blira. Tropic Splendor</i> <i>Mit. Bouliot</i> x <i>Blira. Tahoma Glacier</i>	Mauna Kea Orch. Mauna Kea Orch. Mauna Kea Orch.
<b>BRASSIDIUM</b> Solar Eclipse Solar Flares Urchinesque	<i>Bsdm. Altha</i> x <i>Onc. Jaguar</i> <i>Bsdm. Altha</i> x <i>Onc. Cloud Ears</i> <i>Onc. [Mds.] schroederianum</i> x <i>Bsdm. Gilded Urchin</i>	Woodland Woodland Mauna Kea Orch.
<b>BRASSOCATTLEYA</b> Arthur Tanner's Elena Amanda	<i>C. Ruth Gee</i> x <i>Bc. Llano</i>	Stewart Orch.
<b>BRASSOKERIA</b> Mayan Spirit	<i>B. nodosa</i> x <i>Bark. melanocaulon</i>	A.Black
<b>BRASSOLAELOCATILEYA</b> Achung Emerald Andy's Pink Anne Elise Ostetto Arthur Tanner's Ana Flores Arthur Tanner's Jackie Finn Arthur Tanner's Michelle Lea	<i>Bic. Greenwith</i> x <i>Bic. Young Kong</i> <i>C. walkerae</i> x <i>Bic. Green Gem</i> <i>Bic. Memoria George Suzuki</i> x <i>Lc. Alexis Sauer</i> <i>Bic. Destiny</i> x <i>Bic. Goldenzelle</i> <i>Bc. Pink Sensation</i> x <i>Bic. Tickled Pink</i> <i>C. Dubosa</i> x <i>Bic. Hong Wei</i>	Andhung Orch. W.A.Baker R.Giorchino Stewart Orch. Stewart Orch. Stewart Orch.

NAME	PARENTAGE	REGISTERED BY
Ruth Norton	C. Ruth Geo x C. Norton Benis	Suwada Orch.(Stewart Orch.)
Sombra de Luz	C. Dubiosa x C. Chocolate Drop	R.Sobrinho(OuU)
CATYCLIA		
Duzme	C. Seu Alberto x E. [Epi.] Orchid Jungle	J.Jeansonne
Jim Burkhalter	C. Chocolate Drop x E. [Epi.] phenicea	Tropic 'J.(J.Burkhalter)
CHONDORANTHES		
Sunrise Highway	Chdrh. [Cds.] cheslerianii x Cnths. margnata	R. Kaufmann(Taylor Orch.)
CLOVESETUM		
Broga Hard Rock	Cl. [Cism.] warszewiczii x Cism. tenebrosum	Tan Chin Heong
Memoria Lakshmidivi	Cism. pleiatum x Cl. [Cism.] warszewiczii	Prabhakara
Penang Waltz	Cl. [Cism.] warszewiczii x Cism. Penang	Tan Chin Heong
CORYHOPEA		
Sure D'Orge	Cnths. macrantha x Stan. inodora	M. & M.F.Bourdon
CYMBIDIUM		
Barossa Explosion	Cym. Carlsan x Cym. Kiata	Cuming
Barossa Frost	Cym. Sarah Jean x Cym. Pure Verd	Cuming
Barossa Sunset	Cym. Sarah Jean x Cym. Jurassic Amber	Cuming
Best Present	Cym. Great Katy x Cym. Innocent Heart	Bio-U
Cristine Poet	Cym. Stargard x Cym. Poetic Ghost	Kiwi Orch.
Crystal River	Cym. Sweet Whisper x Cym. Morning Moon	Bio-U
Danzatore	Cym. Memoria Ken Blackman x Cym. Winter Fair	Duckitt(A.Easton)
Devon Jerry	Cym. Memoria Jerry Garcia x Cym. devonianum	M.Phani(A.Easton)
Double Trace	Cym. Trace Reddaway x Cym. Trace's Bullion	Kiwi Orch.
El Low Dolly	Cym. Lowlo-grandiflorum [Sedenil] x Cym. Dolly	Tweena(J.Woodward)
Forever Mine	Cym. Oratory Boy x Cym. Lovely Bunny	Bio-U
Giant's Causeway	Cym. Karen x Cym. Autumn Crisp	New Horizon Orch.(A.Easton)
Gong My Way	Cym. Great Katy x Cym. Enzan Moon	Bio-U
Kalbeeba King	Cym. Red Wall x Cym. Valley Regent	P.Grech(D.Roesler)
Kiwi Ende	Cym. Early Kiwi x Cym. Sylvan Khan	Kiwi Orch.
Kiwi Peace	Cym. Vanguard x Cym. Valley Falls	Kiwi Orch.
Kiwi Wonder	Cym. Hd. Beauty x Cym. Wander Bush	Kiwi Orch.
Little Girl	Cym. Hd. Beauty x Cym. Pretty Poetry	Packret Flor.
Ma-Rid	Cym. ensifolium x Cym. Eudora Moon	Bio-U
Magic Place	Cym. nautium x Cym. devonianum	B Blackley
Mark's Pride	Cym. nautium x Cym. Eudora Moon	B Blackley
Meribula Fair	Cym. Valleys Zenith x Cym. Jilerra	P.Zbierski
Millennium Angel	Cym. Kellys Winter x Cym. Gilded Angel	P.Zbierski
Millennium Dancer	Cym. Emma's Love x Cym. Morialta	Bio-U
Millennium Love	Cym. Sweet Whisper x Cym. Twilight Moon	New Horizon Orch.(A.Easton)
Ocean Grass	Cym. parishi x Cym. Mireta	Kiwi Orch.
Parish Green	Cym. ensifolium x Cym. Prellpink	Packret Flor.
Phuget	Cym. Kiwi Prelude x Cym. Rose Armstrong	Kiwi Orch.
Purple Cascade	Cym. lowianum x Cym. Radiant Harry	Townsend(J.Woodward)
Red Wall	Cym. Wallacia x Cym. Red Beauty	P.Grech(D.Roesler)
Restorante Italiano	Cym. Lovely Bunny x Cym. Sweet Lady	Bio-U
So Gorgeous	Cym. Sweet Light x Cym. Tattys	Cuming
Stairway to Heaven	Cym. Valley Fair x Cym. Seasonal Magic	P.Zbierski
Summer Fair	Cym. Summer Nights x Cym. Sylvan Fair	New Horizon Orch.(A.Easton)
Tomb Raider	Cym. Sweet Enrolton x Cym. Twilight Moon	Bio-U
Wine and Roses	Cym. Richard Tauber x Cym. Ruby Eyes	New Horizon Orch.(A.Easton)
CYPRIPEDIUM		
Camel	Cyp. parviflorum var parviflorum x Cyp. plectrochilum ¶	von Rad
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Australian Sunset	Den. feckeri x Den. Jesmond Sparkler	W.Turville
Broga Twist	Den. Lin Dai Yu x Den. lasianthera [osfringoglossum]	Tan Chin Heong

NAME	PARENTAGE	REGISTERED BY
Cassidy	Den. Moondarra x Den. Renee	P.Grech(K.Moore)
Cedar	Den. Wong Yi Hoe x Den. Mary Trowse	L.F.Ying(W.How Wal Lai)
Cella Siarta	Den. Thongchal Gold x Den. stratiotes	N.T.Hong
Cheeky Sheen	Den. Duno Burgundy Sheen x Den. Cheeky	M.Drobski(Down Under N.O.)
Clondi	Den. Class x Den. Yondi Tina	P.Grech(B.Fletcher)
Cross Cast	Den. Yellow Ribbon x Den. Red Emperor	Bio-U
Darlington Era	Den. Hera x Den. Aussie Ira	H.A.Wilson
Darlington Vista	Den. Bröga x Den. Aussie Ira	H.A.Wilson
Dobrev Klara	Den. Peter Furniss x Den. David Baltimore	Singapore Bot.Gdns
Elegant Mermald	Den. Pink Beauty x Den. Second Love	Bio-U
Exotic Fuchsia	Den. Suzanne Neil x Den. Norma Jackson	Exotic Orchids
Fairy Song	Den. Lovely Virgin x Den. Snow Baby	Exotic Orchids
Goul Johnson	Den. gouldii x Den. Johnsoniae	S.Okada
Haleakala Sunset	Den. Kokono x Den. Sunset Rainbow	Kokusai
Hamed Bin Khalifa Al-Thani	Den. Baby Pink [Merritt Island] x Den. Jean Chrellen	Haku Maui(N.Mizuno)
Hardy Jackson	Den. Jennifer Sidham x Den. bigbloom [compaculum]	Singapore Bot.Gdns
Jungo Madonna	Den. Lai's Hunter Stage x Den. Red Emperor	J.Grezaifi
Lone Pine	Den. Class x Den. Aussie Victory	Jungo Yu
Major Bailey	Den. Upin Red x Den. Future World	Down Under N.O.
Maul Flare	Den. Burnt Orange x Den. Marlene Ramirez	Bio-U
Maul Wine	Den. Maul Canary x Den. Maul Rose	Exotic Orchids
Memorial Tree	Den. Sailor Boy x Den. Upin Red	Exotic Orchids
Momilant Stripe	Den. Thailand Stripe x Den. Killian Stripe	Bio-U
Momilant Surprise	Den. Emma x Den. Sonia	C.Kumano(OuU)
Mystic Bee	Den. tapinense x Den. convolutum	C.Kumano(OuU)
Nathan	Den. Class x Den. Ray's Dream	T.Nishi(OuU)
Nelly Bay	Den. Val Peck x Den. [7b.] Hilda Poxon	Down Under N.O.
Olga Wenck	Den. [Doc.] Virginia Jupp x Den. [Doc.] racemosum	P.Grech(OuU)
Pambula	Den. Vivid x Den. Broga	L.Adrilans(Paradise NZ)
Riverdy	Den. Riversun x Den. Tie-Dye	P.Wheeler
Ruby Fizz	Den. Yellow Ribbon x Den. Beauty Harmony	Down Under N.O.
Sheena	Den. Duno Burgundy Sheen x Den. Yondi Tina	Bio-U
Silvia Cartwright	Den. Walaanae Blush x Den. Fairy Wong	P.Grech(B.Fletcher)
Special Gift	Den. Future World x Den. Cheek Dance	Singapore Bot.Gdns
Stage Prima	Den. Red Emperor x Den. Future World	Bio-U
Star Eleven	Den. Red Emperor x Den. Beauty Harmony	Bio-U
Success Story	Den. Singulow x Den. Snowman	Bio-U
The Straits Times	Den. Jenny Shipley x Den. williamsianum	Bio-U
Veina Nishi	Den. Wonder Nishi x Den. Mystic Bee	Singapore Bot.Gdns
World King	Den. Comet King x Den. Beauty Harmony	T.Nishi
DISA		
Bay Dancer	Disa Unidancer x Disa Betty's Bay	H.Sankyo
Dr Kyoshi Tsutsui	Disa Pride of Constantia x Disa Marlene Oywes	S. & M.Cywes
Dr Kohji Karasawa	Disa Sid Cywes x Disa Pride of Constantia	S. & M.Cywes
Hanneli Rupert	Disa uniflora x Disa African Queen	S. & M.Cywes
Huberte Rupert	Disa uniflora x Disa Elegant Beauty	S. & M.Cywes
Klanosalo	Disa Unilangley x Disa Bay Dancer	H.Sankyo
Patricia's Compassion	Disa Cecile Stassen x Disa Marguerite Kotler	H.H.Taylor
Penelope D. Krige 1	Disa Colette Oywes x Disa Glasgow Orchid Conference	S. & M.Cywes
Unidancer	Disa uniflora x Disa Sky Dancer	H.Sankyo
DIXUANAPA *		
Willie and Caroline	Wira. Caroline Leong x Pps. [Phal.] Boediardjo	W.How
DORTAENOPUSIS		
Ann Sophie	Phal. Penang x Dips. Mosel	H.Janko(E.Münz)
Bread Angel	Dips. Leopard Prince x Dips. Bread Rose	Kuo Ching Chen
Bread Apple	Dips. Happy Valentine x Phal. Queen Rose	Kuo Ching Chen
Bread Berry	Dips. Leopard Prince x Phal. Luchia Stripes	Kuo Ching Chen
Bread Cherry	Dips. Leopard Prince x Dips. Nobby's Purple	Kuo Ching Chen
Bread Fortune	Dips. Mount Beauty x Phal. China Best Girl	Kuo Ching Chen
Bread Giant	Dips. Bread Apple x Dips. Minho Venus	Kuo Ching Chen
Bread Middle	Phal. Carmela's Pkile x Dips. Freshing Pretty	Kuo Ching Chen
Bread Mini	Dips. Taisuco Pkile x Dips. Sogo Berry	Kuo Ching Chen
Bread Pixie	Dips. Taisuco Pkile x Phal. Brother Oxford	Kuo Ching Chen
Bread Rose	Dips. Taisuco Happybeauty x Dips. Taisuco Firebird	Kuo Ching Chen
Bread Ruby	Dips. Leopard Prince x Dips. Minho Venus	Kuo Ching Chen
Bread Stripe	Dips. Leopard Prince x Dips. Sogo Tyler	Kuo Ching Chen



NAME	PARENTAGE	REGISTERED BY
Broad Valentine	Dips. Rose Valentine x Dips. Minho Venus	Kuo Ching Chen
Brother Sabiel	Dips. Salu's Stripes x Dips. Brother Isabel	Stones River(Brother)
Chiada Arthur	Dips. Taipei Gold x Dips. Minho Princess	Nat.Chiaiyi University
Chiada Bonnie	Dips. Leopard Prince x Dips. Sinica Prince	Nat.Chiaiyi University
Chiada Brian	Dips. I-Hsin Sesame x Dips. Sunrise Red Pecker	Nat.Chiaiyi University
Chiada Candice	Dips. Leopard Prince x Dips. Sweet Strawberry	Nat.Chiaiyi University
Chiada Ellie	Dips. City Girl x Phal. Baby Hat	Takaki O.N.
City Boy	Phal. Plantation Rhapsody x Dips. Walden's Big Boy	Stones River(Lines)
Dream Rhapsody	Dips. Fusheng's Purple Gem x Dips. Nobby's Purple	Fu-Sheng Huang
Fusheng Beauty	Dips. Fusheng Great Treasure x	Wen Ching Mandy
Fusheng Diamond Island	Dips. Ever Spring Prince x Dips. Fusheng's Diamonds	Fu-Sheng Huang
Fusheng Great Treasure	Dips. Fusheng's Purple Gem x	Fu-Sheng Huang
Fusheng Magic Game	Dips. Chain Xen Pearl x Dips. Fusheng's Sweet Memory	Fu-Sheng Huang
Fusheng Pink Pearl	Dips. Fusheng Happy Prince x	Fu-Sheng Huang
Fusheng Purple Crown	Dips. Taida Pearl x Phal. Taisuco Fireball	Fu-Sheng Huang
Fusheng Sweet Memory	Phal. Ching Her Golden x Dips. Champion Sweetie	Fu-Sheng Huang
Fusheng Sweet Paradise	Dips. Chain Xen Pearl x Dips. Mount Lip	Gain Lin Agri.
Ganlin Diamond	Dips. Lite Windsong x Phal. Mary Brooks	C.Schrauberger(Windsong)
Ganlin Fairy	Dips. Zuma Dasher x Phal. Hausermann's Candy	Saeki Nurs.
Hamana Candy	Dips. Happy Valentine x Phal. New Camp	C.Weik(O/U)
Happy Festival	Dips. Happy Sheena x Dips. Sogo Vivien	Shiina Yoran-en
Happy Vivien	Dips. Lih Jiang Beauty x Dips. Happy Valentine	Jungo Yu
Jungo Ace	Dips. Taida Salu x Phal. Da-chien Spider Beauty	Jungo Yu
Jungo Aurora	Dips. Taida Salu x Dips. Tinny Honey	Jungo Yu
Jungo Balance	Phal. Sogo Musadian x Dips. Chain Xen Diamond	Jungo Yu
Jungo Belle	Dips. Chain Xen Pearl x Dips. Brother Success	Jungo Yu
Jungo City	Dips. Brother Success x Dips. Nobby's Pink Lady	Jungo Yu
Jungo Lady	Phal. Brother Red Rose x Dips. Ruyi Lih Beauty	Jungo Yu
Jungo Magenta	Phal. Brother Sara Gold x Dips. King Shiang's Beauty	Jungo Yu
Jungo Much	Dips. Melda Prince x Dips. Leopard Prince	Jungo Yu
Jungo Samring	Dips. Lih Jiang Beauty x Phal. Luchia Lip	Jungo Yu
Jungo Sweet	Dips. Juhbao Queen x Dips. Fusheng's Purple Gem	Kun Nun Chou
Kun Nun Honey Peach	Dips. Kun Nun Walnut Prince x	Kun Nun Chou
Kun Nun Red Plum	Dips. Walnut Valley Halo x Dips. Leopard Prince	Kun Nun Chou
Kun Nun Walnut Prince	Phal. New Eagle x Dips. Happy Smile	Kuo Liang Hung
Long Strong Hello Kitty	Phal. New Cinderella x Dips. Mout Beauty	Kuo Liang Hung
Long Strong Sweet Lady	Phal. Melodious Bells x Dor. pulcherrima	Kepley(Breckridge)
Margie Kepley	Dips. Red Elf x Phal. lowi	A.Pickrel
Millie's Elf Treasure	Phal. Ming Chao Aral x Dips. I-Hsin Actor	Ming Chao
Ming Chao Fantasil	Phal. Fortune Buddha x Dips. King Shiang's Rose	Ming Chao
Ming Chao Red Sun	Dips. Hama Lip x Phal. amabilis	Osmond Ho
Miss Hong Kong	Dips. Livingstone's Gem x Phal. Baby Hat	Takaki O.N.
Monozono	Dips. Chain Xen Pearl x Dips. King Shiang's Rose	Raichille(Sun Moon Orch.)
Mrs Jane Seymour	Phal. New Cinderella x Dips. Fusheng's Purple Gem	W.S.L.I
Ney Shan Gu Niang	Phal. Be Tris x Dips. Taisuco Jewel	Nichirei Corp.
Nichirei Bejewel	Dips. Okay Seven x Phal. stuartiana	Osmond Ho
Osmond's Red Lady	Dips. Beauty Sheena x Dips. Sogo Vivien	Shiina Yoran-en
Osmond's Wild Cat	Dips. Ching Hua Horn x Phal. Hsinying Glory	Sogo
Sheena's Vivien	Dips. Rose Valentine x Dips. Taisuco Happybeauty	Sogo
Sogo Dobby	Dips. Mount Lip x Phal. Luchia Lip	Sogo
Sogo Homa	Dips. Nobby's Pink Lady x Dips. Happy Smile	Sogo
Sogo Mount	Phal. Haur Jin Diamond x Dips. Leopard Prince	Sogo
Sogo Smile	Dips. Chain Xen Pearl x Phal. Pinlong Cardinal	G.J.McKay(O/U)
Stadt Hattigen	Dips. Nobby's Pink Lady x	G.J.McKay
Sunlands Pearl	Phal. Queenslander Queen x Dips. Sunlands Pipe White	G.J.McKay(S Heyden)
Sunlands Pink Queen	Dips. Sunlands Pipedream x	G.J.McKay(S Heyden)
Sunlands Pipe Queen	Phal. Sunlands White Empress	G.J.McKay
Sunlands Pipe White	Dips. H-Sin Spring x Dips. Sun Prince	G.J.McKay
Sunlands Spring		
NAME	PARENTAGE	REGISTERED BY
Suzanne's Sunrise	Phal. Gato x Dips. Acapulco	Roger Brown(Zuma Canyon)
Taida Golden Cassandra	Phal. Cassandra x Dips. Taida Gold Sogo	Taida
Taida Golden Cherry	Dips. Taida Golden Manager x Dips. Little Gem Stripes	Taida
Taida Golden Lip	Dips. Mount Lip x Dips. Taida Gold Sogo	Taida
Taida Golden Phoenix	Dips. Chia Lin x Phal. Taida Golden F. Fred	Taida
Taida Little Baby	Dips. Taida Babyrino x Phal. Baby Hat	Taida
Taida Red Apple	Dips. Taida Rose Lady x Dips. Kuo-Cheng	Taida
Taida White Grace	Dips. Tanya Apple x Dips. Tanya Grace	Taida
Taida White Prince	Phal. Hita x Dips. Taida Toast	Taida
Wen Ching Leo	Dips. Chian Xen Roseherz x Dips. Sogo Peersess	J.T.Liou
Wen Ching Mandy	Dips. Chian Xen Roseherz x Dips. Sweet Strawberry	J.T.Liou
ENCYCLIA		
Tiny	E. atrorubens x E. [Ep.] cordigera [cordigerum]	J.Jeansonne
ENCYLAELIA		
Little Red Jewel	L. milleri x E. [Ep.] parviflora [jeansonne]	C.Schurter(W.Bussey)
ERNESTARA	Enflra. Fire Storm x Phal. Ken Peterson	A.Pickrel
Millie's Alien Fire		
GASTROPHAIUS	Gs. [Phaius] tuberculosa x Gs. [Phaius] humblotii	Haiku Mau(N.Mizuno)
Alan Davidson		
GODDALEARA	Blira. Pauline Smith x Wils. Tiger Lady	R.Stevens(George Black)
Bob Famaidow	Blira. Wilches Cauldon x Onc. leucocanthum	W.A.Baker
Kelith's Baby	Wils. Lisa Devos x Blira. Tropic Splendor	Mauna Kea Orch.
Pacific Truffle		
GRAMMATOPHYLLUM		
Kankura Pride	Gram. Wrights Pride x Gram. measuresianum	P.Ollivier
HARAEOPSPIS *		
Nanzhi Phik	Phal. Wedding Promenade x Hal. retrocalla ¶	Z.Chen(X.Ye)
HOUTUMARA	Amrth. Beatrice Ng x V. Crownfox Keyline	Chao Praya Orch.
Chao Praya Peach		
IONOCIDIUM		
Hinazakura	Inps. utricularoides x Onc. Twinkle	Takaki O.N.
IWANAGAARA		
Chief Snowflake	Blc. Chian-Tzy Hime x Cil. [Dial.] Snowflake	Chief Orch. Nurs.
KAGAWARA		
Irene Hew	Ren. Yen x Ascid. Royal Flight	Tan Chin Heong
LAELLOCATARTHRON		
Sugar Gem	Lc. [Dialc.] Star Twinkle x Lc. Button Top	F.Fordyce
LAELLOCATTLEYA		
Big Lucy	C. Lucille Small x L. anceps	Tropic 1
Breezy Mt. Madoka	L. dayana x C. Sea Breeze	Tropic 1
Brian Carville	Lc. Mini Purple x C. violacea	Sowada Orch.(Canaima Orch.)
Canaima's First	L. purpurata x C. violacea	S.J.Pratt(O/U)
Great Balls of Fire	Lc. Yen Redface x C. Fireball Fame	Trowena(J.Woodward)
Mai Lam	Lc. Intercepts x C. Penny Kuroda	Exotic Orchids
Maul Leopard	Lc. Maul Plum x C. aclandiae	Santa Barbara
Miss Wonderful	C. Cherry Song x L. anceps	H.Namishio
My Memory	Lc. Irene Finney x Lc. Melody Fair	Ohba Orch.
Nanboh Cupid	Lc. Hey Carol x C. nobilior	F.Fordyce
New Journey	Lc. Preface x C. Horace	R.Giorchino
Orquidaceat's Lindo Luar	Lc. Paradiso x Lc. Rolf Altenburg	R.Giorchino
Orquidaceat's Orange Doll	Lc. Festival De Ouro x C. aurantica	R.Giorchino
Orquidaceat's Mambo King	Lc. Zuki Fontes x Lc. Dal's Jackpot	T.Ochids
Pattani	Lc. Secret Love x C. Add	J.Heindke
Pure Yellow	Lc. Trick or Treat x C. intermedia	K.Ueda
Shoko's Junbell	C. Princess Bells x L. anceps	A.Amino
Tsubasa	L. purpurata x C. wallisii [eldorado]	W.A.Baker
Xantho Spots	C. Penny Kuroda x L. xanthina	



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## ORCHIDS

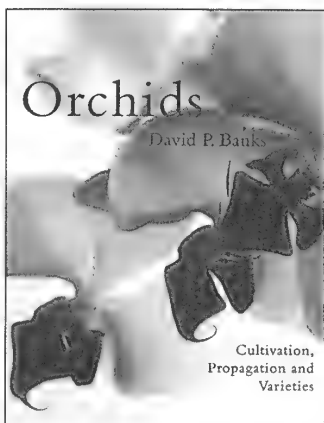
*Cultivation, Propagation and Varieties*

by David P. Banks

"Orchids" is an irresistible volume for all orchid lovers that offers practical advice to ensure no more flowerless stalks, no more browned and brittle leaves and no more dead and dying plants. Indeed, "Orchids" offers rare insights and comprehensive advice on how to keep your orchids vibrant and beautifully healthy.

As detailed as it is diverse, "Orchids" explains precisely what your chosen species, hybrids or variant needs in order to flourish at your fingertips. With techniques and tips from professional orchid growers and experts, each natural habitat can be reproduced in your home to accommodate your favourite bloom. Fascinating and richly descriptive chapters take you through the history of orchid discovery, their geographical distribution and natural habitat, the awesome diversity of colour, shape and size, and all aspects of cultivation. A gloriously illustrated directory of species outlines the main characteristics of some 400 orchids. Illustrated with breathtaking images, "Orchids" is an excellent guide to growing orchids successfully.

224pp. Colour throughout.  
215 x 280mm Soft cover.



**OUR DISCOUNT PRICE \$A40.<sup>95</sup>**  
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## COOL FLOWERING ORCHIDS THROUGHOUT THE YEAR

by Ross Macdonald

Ross Macdonald is a highly respected orchid grower and photographer from the North Island of New Zealand. This volume is devoted to cool growing orchid genera, which are easy to cultivate in New Zealand and southern Australia. Growers in tropical areas should not be discouraged, as many of these orchids are indeed adaptable and will grow in a range of climates. Andy Easton has written the foreword. Ross has devoted the first few pages of the book to cultural hints, which are down to earth and give practical information on the basics of orchid cultivation.

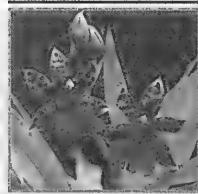
Basically this is a pictorial book with over 300 full colour photographs, covering a similar number of orchid species and hybrids. The quality of both the photographs and the colour reproduction is impressive. All of the orchids have been captured using available sunlight and there is no flash photography. There is a wide range of orchid genera covered with particular emphasis placed on cymbidiums, dendrobiums, laelias, masdevallias, the Odontoglossum alliance and Paphiopedilum.

The photographs are arranged in four chapters, referring on their main blooming season. The use of seasons ensures the text is also applicable to growers in the northern hemisphere.

This inexpensive book is exceptional value and importantly is written by someone who knows and grows these orchids. I thoroughly recommend this book to orchid growers, as it will be of great value to both novice and experienced enthusiasts.

144 pp. 242mm x 168mm  
Softcover.

## COOL FLOWERING ORCHIDS THROUGHOUT THE YEAR



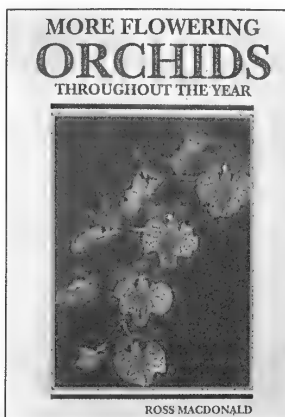
ROSS MACDONALD

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## MORE FLOWERING ORCHIDS THROUGHOUT THE YEAR

by Ross Macdonald

This is the sister volume to Cool Flowering Orchids throughout the Year. It is in the same format and style as the previous book, but also includes some genera that would require artificial heating in cooler climates. This volume covers a further 314 orchid species and hybrids with 344 colour plates. Both texts are highly recommend to all orchid fanciers; particularly newcomers who wish to see an array of delightful flowers that they could grow.



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242mm x 168mm  
Softcover.

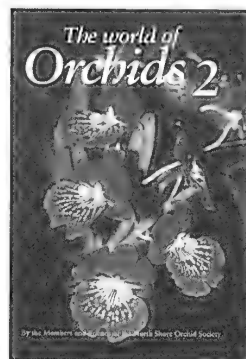
## THE WORLD OF ORCHIDS - 2

The World of Orchids - 2 has been written by members and friends of the North Shore Orchid Society about orchids grown in Sydney and its environs, and we are indebted to those people for their time and effort.

It has been produced to cover a large range of genera to help not only the novice, but also the experienced grower in their present fields of interest, and to tempt and encourage them to try other genera.

It should be pointed out that the methods of culture used by the authors are those which they themselves have found successful. Growers should try any changes to their own culture gradually and on a few plants first, as orchids respond differently under different conditions.

80 pages, colour and B&W.



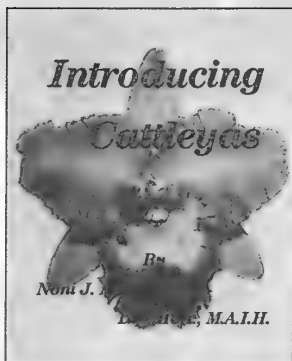
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## INTRODUCING CATTLEYAS

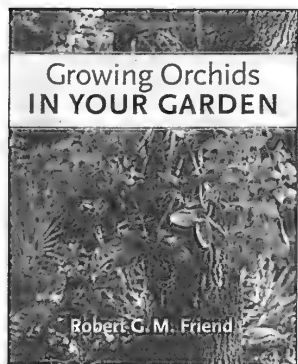
*Noni J. Mammatt*

Noni Mammatt's fascination with the Cattleya Alliance, their most beautiful blooms and extensive range of colour combinations, has prompted Noni to share the results of her own trials in successfully growing and flowering all types of this most beautiful genus under shade-house conditions in the city of Perth in Western Australia. She hopes that as a result of her writing some new growers, as well as the experienced growers of other orchid genera, may be encouraged to introduce the Cattleya Alliance into their collections.

24 pages, B&W.



**OUR DISCOUNT PRICE** **\$A6.60** (incl. GST)  
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The author details more than 500 orchid choices for every garden situation and supplies practical cultivation information in thorough charts and tables.

Growing Orchids in Your Garden offers an array of dramatic ideas for every reader.

220 pages in colour.

## GROWING ORCHIDS IN YOUR GARDEN

*by Robert Friend*

Just about wherever you live in the world, you can grow orchids in your garden. In this exciting book, Robert Friend shows gardeners how to introduce orchids into the garden by attaching them to trees, fixing them to rocks and walls, or planting them directly into garden beds.

He has traveled the world from Florida to the cool forests of North America, to the tropics of the Pacific Rim and to his origins in Australasia, searching for new ideas and new ways to cultivate these striking plants.

**OUR DISCOUNT PRICE** **\$A43.95** (incl. GST)  
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## SARCOCHILUS ORCHIDS OF AUSTRALIA

*Walter T. Upton*

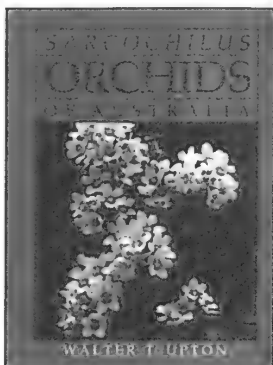
Sarcochilus Orchids of Australia is the first book to cover all aspects of species of the genus Sarcochilus. Compact plants of great floral beauty with ease of culture, they are mostly cool to cold growing, requiring limited space, and for these reasons are quickly becoming the orchid of the future.

The book gives each individual species a separate entry, with information on its history, synonyms, distribution, habitat, cultivation and hybrids, along with a drawing showing the main parts of the plant and flower, plus a colour plate providing an easy means of identification.

Hybridising, including intergenerics, is dealt with in detail - most registered hybrids being accompanied by a colour plate. Other chapters include pollination, seed raising and cultural information for the home grower.

This is Walter T. Upton's third book and is a companion to his very popular and informative Dendrobium Orchids of Australia.

119 pages, colour and B&W.



**OUR DISCOUNT PRICE** **\$A33.75** (incl. GST)  
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## GROWING PHALAENOPSIS AT HOME

*James Neal*

This book is essential reading and reference for any person who grows, or is intending to grow, Phalaenopsis.

Jim, in a simple and easily understood style, explains and elaborates on light conditions, watering, temperatures, fertilisers, pests and diseases.

Explanations of the way Phalaenopsis are named and the implications of growing seedlings, illustrate some of the more difficult ideas for the layman to understand.

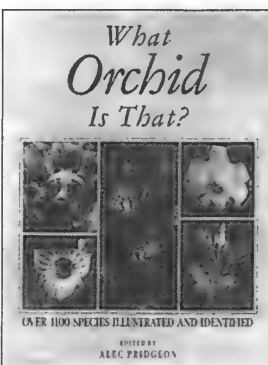
The colour photography illustrates beautifully the topics under discussion and the orchid names are supplied, where necessary, as a caption.

The illustrations drawn by Jim's son Jamie are pertinent and succinct and make the subject more easily understood.

56 pages, colour and B&W.



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## WHAT ORCHID IS THAT?

*Edited by Alec Pridgeon*

The orchid is one of the most passionately cultivated flowers world-wide, and for centuries it has been a symbol for the exotic and mysterious in the human imagination. As the brilliant photographs in this book show, the shapes, hues and textures of many of these extraordinary flowers continue to produce a shock of wonder in the viewer.

This book will delight everyone, from the gardener with a casual interest in orchids, to the confirmed enthusiast. It takes in a wide spectrum of orchid genera and more than 1100 species common in cultivation, presented by an international team of experts.

The first section, by the General Editor, Alec Pridgeon, introduces orchid habitat, distribution, names and classification, hybrids, pollination, how to grow orchids and control pests and diseases, and orchid conservation.

The alphabetical section, "Orchids A-Z", includes descriptions, names and synonyms, geographic distribution, notes on culture, and photographs drawn from collections around the world, showing the best-known species in cultivation.

Whether you are buying, growing or just looking, this is the ultimate guide to orchids.

304 pages, colour.

**OUR DISCOUNT PRICE** **\$A45.95** (incl. GST)  
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AFFIX  
POSTAGE  
STAMP  
HERE

NAME	PARENTAGE	REGISTERED BY
Luan Green Pixie	Phal. Su-An Cricket x Phal. Timothy Christopher	Ming Hung Orch.
Jessie Lee	Phal. Orchard Ruby x Phal. ambonensis	R.Ang
Jungo Active	Phal. Orchid World x Phal. Brother Love Simba	Jungo Yu
Jungo Amber	Phal. Sogo Hollywood x Phal. ambonensis	Jungo Yu
Jungo Athena	Phal. giganlea x Phal. Brother Sara Gold	Jungo Yu
Jungo Auk	Phal. Haur Jin Diamond x Phal. Brother Love Simba	Jungo Yu
Jungo Balon	Phal. Bright Peacock x Phal. violacea	Jungo Yu
Jungo Bora	Phal. starflana x Phal. Yunglio Princess Gelb	Jungo Yu
Jungo Candie	Phal. giganlea x Phal. Haur Jin Diamond	Jungo Yu
Jungo Candy	Phal. Balango's E-Lon x Phal. Misty Green	Jungo Yu
Jungo Cheddar	Phal. Chinguey's Tiger x Phal. Chinguey's Beauty	Jungo Yu
Jungo Cherry	Phal. Coral Isles x Phal. Yunglio Princess Gelb	Jungo Yu
Jungo Common	Phal. celebensis x Phal. Atentis	Jungo Yu
Jungo Fox	Phal. Robby's Fox x Phal. violacea	Jungo Yu
Jungo Husky	Phal. Fortune Saltzman x Phal. H-Hsin Sunflower	Jungo Yu
Jungo Joyce	Phal. Haur Jin Diamond x Phal. Brother Lawrence	Jungo Yu
Jungo Lancer	Phal. Yamm Mei Star x Phal. Chinguey's Beauty	Jungo Yu
Jungo Laura	Phal. Brother Sara Gold x Phal. Chinguey's Beauty	Jungo Yu
Jungo Snow	Phal. Taisuco Swan x Phal. Sogo Musadan	Jungo Yu
Jungo Sollo	Phal. philippinensis x Phal. Makl Watanabe	Jungo Yu
Jungo Vinous	Phal. Luedde-violacea x Phal. Yunglio Princess Gelb	Jungo Yu
Jungo Volfis	Phal. violacea x Phal. Be Tris	Jungo Yu
Jungo White Rose	Phal. Sogo Yুদ্ধidan x Phal. Taisuco Swan	Jungo Yu
Kunslter's Gem	Phal. Harford's Gem x Phal. Kunstler	A.Black
Linda Schauburger	Phal. Sogo Cat x Phal. Brother Purple	C.Schauburger
Michelle Truscott	Phal. Carmela's Wonder x Phal. Purple Memory	C.Truscott
Morgan Demers	Phal. Sue Meyer x Phal. Iueddemanniana	Bettencourt
Osmond's Callio Queen	Phal. Pallang's Queen x Phal. Callioeme	Osmond Ho
Osmond's Elise Al	Phal. Al Gold x Phal. Elise de Valec	Osmond Ho
Osmond's Leopard	Phal. Josh Stewart x Phal. Rong Guan Leopard	Osmond Ho
Osmond's Little Davis	Phal. Cessandra x Phal. Pintong Davis	Osmond Ho
Osmond's Little Mura	Phal. Iai Fukumura x Phal. Vetchiana	Osmond Ho
Osmond's Little Star	Phal. Pintong Spring x Phal. equestris	Osmond Ho
Osmond's Misty Blue	Phal. Josh Stewart x Phal. Misty Green	Osmond Ho
Osmond's Red Lip	Phal. Timothy Christopher x Phal. Su's Red Lip	Osmond Ho
Osmond's Stripes	Phal. Timmy Stripes x Phal. Pintong Davis	Osmond Ho
Palace Reef	Phal. Penang Gin x Phal. Coral Isles	Orchid Palace
Palmet Benedikt	Phal. Taisuco Dalmatian x Phal. Taisuco Kaaladian	Orchid Palace
Paulette O'Brien	Phal. Donald Rigg x Phal. Brother Purple	C.Schauburger
Peter Green Pear	Phal. Tzu Chiang Little x Phal. George Vasquez	W.H.Chen
Peter Green Tomato	Phal. Tzu Chiang Little x Phal. Texas Jewel	W.H.Chen
Sabine Lundae	Phal. Taisuco Kaaladian x Phal. Yellow Princess	Orchid Palace
Sasquatch	Phal. World Class x Phal. amabilis	G.&L. Bromley
Sharon Truscott	Phal. Memoria Masami Takasaki x Phal. Pintong Memory	C.Truscott
Sogo Antris	Phal. Sogo Fontiris x Phal. Sogo Fairy	Sogo
Sogo Cashlo	Phal. Sogo Musadan x Phal. Taisuco Kaaladian	Sogo
Sogo Chipping	Phal. Rainbow Chip x Phal. Indentil	Sogo
Sogo Fontiris	Phal. Be Tris x Phal. Sogo Lit-Angel	Sogo
Sogo Girl	Phal. Brother Malou Tris x Phal. Yunglio Gelblambo	Sogo
Sogo Hoyuki	Phal. Taisuco Kaaladian x Phal. Sogo Yুদ্ধidan	Sogo
Sogo Indechip	Phal. Brother Malou Tris x Phal. Sogo Chipping	Sogo
Southern Elegance	Phal. Southern Silk x Phal. Silken Pennant	Stones River(Stewart Orch.)
Southern Silk	Phal. Spring Darts x Phal. California Glow	Stones River(Stewart Orch.)
Spirit Creek Princess	Phal. Spring Darts x Phal. Sogo John	O.Garrison(Ching Her)
Sunlands Dancing Queen	Phal. Sunlands Rain Dancer x Phal. Queenslander Queen	G.J.McKay(S Heyden)
Taida Hitadan	Phal. Hita x Phal. Taisuco Koohidan	Taida
Taida Irona Pixie	Phal. Brother Irene Irene x Phal. Zuma's Pixie	Taida
Taida Snow White	Phal. Hita x Phal. Yu Pin Snow Mountain	Taida
Taida White Joseph	Phal. Taida Joseph x Phal. Taida Angel White	Taida
Taiwan Golden Star	Phal. Universal Pride x Phal. Taiwan Golden Sands	Orchis Flor
Tying Shin Flora	Phal. Makl Watanabe x Phal. scilliflora	Kuo Liang Hung
Tyran Shin Symphony	Phal. Sogo Lander x Phal. H-Hsin Salmon	Kuo Liang Hung
Wu Lea Hoon	Phal. Serang's Pride x Phal. ambonensis	Tan Ching Heng
PHRAGMIPEDIUM		
Bubblenum	Phrag. Hanne Popow x Phrag. Silver Eagle	J.L.Doux
Sandra Marcoux	Phrag. Hanne Popow x Phrag. Sunset Glow	M.Peast

NAME	PARENTAGE	REGISTERED BY
Cuzzo Blood	<i>Phrag. Memoria Dick Clements</i> x <i>Phrag. warszewiczianum</i>	F.Schomburg
Eileen Rickman	<i>Phrag. schlimlii</i> x <i>Phrag. Silver Eagle</i>	M.LeDoux
Flamingo	<i>Phrag. sarientianum</i> x <i>Phrag. Silver Eagle</i>	M.LeDoux
Kai Quintal	<i>Phrag. Sorcerer's Apprentice</i> x <i>Phrag. x richieri</i>	F.Schomburg
PLEIONE		
Fan Yui Fong	<i>Pln. Versailles</i> x <i>Pln. x barbarae</i>	M. Hazellon
Kong	<i>Pln. formosana [pricei]</i> x <i>Pln. Brigadoon</i>	M. Hazellon
Martin	<i>Pln. formosana [pricei]</i> x <i>Pln. Pariculn</i>	M. Hazellon
Ming Emperor	<i>Pln. Loulan</i> x <i>Pln. Bandal-San</i>	M. Hazellon
Mukden	<i>Pln. Pliton</i> x <i>Pln. Versailles</i>	M. Hazellon
Shi Yuan	<i>Pln. Souliere</i> x <i>Pln. Pliton</i>	M. Hazellon
POTIMARA		
Bayberry Red	<i>Bic. Owen Holmes</i> x <i>Sic. Poker Chip</i>	F.Fordyce
Brady Crocker	<i>Pot. Memoria Shirley Moore</i> x <i>Sic. Precious Kale</i>	Carter & Holmes
Carolina Moon	<i>Pot. Bobby Brown</i> x <i>Bic. Carolina Orange D'Or</i>	F.Fordyce
Cayenne	<i>Sic. Circle of Life</i> x <i>Bic. Buttercup</i>	F.Fordyce
Chief Sweet Orange	<i>Sic. Tulankamen</i> x <i>Bic. Chyong Guu Chaffinch</i>	Chief Orch. Nurs.
Clifton Capers	<i>Sic. Elegant Oak</i> x <i>Pot. Clifton Medal</i>	Memoria Amaldo Cesar
Clifton Medal	<i>Bic. Orglade's Medallion</i> x <i>Sic. Kauli Starbright</i>	Memoria Oma Schoone
Compact Beauty	<i>Pot. Wainae Appeal</i> x <i>Lc. Little Oliver</i>	Orange Radiance
Diego Pink Puff	<i>C. Dubiosa</i> x <i>Pot. William Farrell</i>	Suwada Orch.
Dosa Gold	<i>Sic. Golden Wax</i> x <i>B. nodosa</i>	W.A.Baker
Janey Irene	<i>Pot. Dianne Meyer</i> x <i>Bic. Magic Meadow</i>	J.Fields
Ken's Silver Jubilee	<i>Bic. Knot</i> x <i>Pot. Giamorous</i>	Creative Orch.
Marilia Beatriz Vischi	<i>Bc. Pastoral</i> x <i>Sic. Mae Hawkins</i>	I.Vischi
Miracle Bird	<i>Pot. Wainae Beauty</i> x <i>Bic. Malworth</i>	Bletz-Wailea
More Gilmore's	<i>Pot. Sanyo Butterfly</i> x <i>Bic. Chia Lin</i>	H.Namishio
Nanboh Emerald	<i>Pot. Frank Gilmore</i> x <i>Lc. Lou Gilmore</i>	Carter & Holmes
Nanboh Jewel	<i>Bc. Cool Green</i> x <i>Pot. Luna Jaune</i>	Ohba Orch.
Nanboh Smile	<i>L. Flavina</i> x <i>Pot. Kozo's Scarlet</i>	Ohba Orch.
Orange Dream	<i>Pot. Luna Jaune</i> x <i>Bic. George King</i>	Ohba Orch.
Orquidacea's Cherry	<i>Pot. William Farrell</i> x <i>Lc. Orange Gem</i>	C.G.Keller(O/U)
Orquidacea's Yellow Castle	<i>Sic. Coral Gem</i> x <i>Pot. Flameout</i>	R.Glorchino
Sleyns Lemon Coral	<i>Pot. Love Call</i> x <i>Bic. Hawaiian Green Valley</i>	H.D. Steyn(O/U)
Tonastillo	<i>Bic. Goldenzelle</i> x <i>Pot. Sally Taylor</i>	F.Fordyce
Winning Shot	<i>Sic. Dixie Jewels</i> x <i>Bic. Chia Lin</i>	H.Namishio
PROPABSTOPETALUM		
Blue Brian	<i>Zba. [Zcx.] Blue Berets</i> x <i>Pot. [Agwa.] Brian</i>	R.Stevens(George Black)
PROSAVOLA		
Nodopismo	<i>B. nodosa</i> x <i>Psh. [Epi.] prismatocarpa [prismatocarpum]</i>	A.Black
REBECCAARA *		
Rustic Fire	<i>Nma. Rebecca</i> x <i>E. alata</i>	Santa Barbara
RECOHARA		
Piper Clare	<i>Bic. Wainae Leopard</i> x <i>Schom. exaltata</i>	J.Jeansonne
RENAVLOTTIS		
Towering Inferno	<i>Trgl. luzonensis</i> x <i>Ren. inschooliana</i>	Carter & Holmes
RENANTANDA		
Kabisana Shija	<i>Ren. inschooliana</i> x <i>V. coerulesa</i>	R.Kishor
Prof. G. J. Sharma	<i>V. testacea</i> x <i>Ren. inschooliana</i>	R.Kishor
RENANTHERA		
Sordang	<i>Ren. Yen</i> x <i>Ren. Koo Wek Chai</i>	Tan Chin Heong
RESTREPIA		
Matthew Howe	<i>Rstp. cuprea</i> x <i>Rstp. chameleon</i> ¶	C.Howe
RODRIGUEZIA		
Flamboyant	<i>Rdza. lanceolata [secunda]</i> x <i>Rdza. bracteata</i>	M & M.F.Bourdon
RODRUMNIA		
Maggie	<i>Rrm. [Rdcm.] Follies</i> x <i>Tolu. [Onc.] Golden Sunset</i>	G.Kelly(O/U)

NAME	PARENTAGE	REGISTERED BY
ROHRLARA		
Mountain Island Galaxy	<i>Rhla. Helmut</i> x <i>Brs. New Start</i>	Woodland
RHYNOCHLOGLOSSUM *		
Hot Pants	<i>Oda. Yeaden</i> x <i>Rst. [Odm.] bickoniensis [bickoniense]</i>	Mauna Kea Orch.
SCHOMBOCYCCLA		
Sarah	<i>Schom. thomsoniana</i> x <i>E. [Epi.] Orchid Jungle</i>	J.Jeansonne
SCHOMBOLAEIOCATTELEYA		
Newberry Lava Burst	<i>Lc. Rojo</i> x <i>Schom. undulata</i>	Carter & Holmes
SOPHROLAEIOCATTELEYA		
Clevo Braglin	<i>Sic. Valeriaz</i> x <i>Lc. Kunta Kinte</i>	R.Glorchino
Cosmo Magic	<i>Sic. Jungle Beau</i> x <i>Lc. Tokyo Magic</i>	R.Koksal
Cranberry Cooler	<i>Sic. Victoriana</i> x <i>Sic. Tokyo Magic</i>	F.Fordyce
Duckitt Ruby	<i>Sic. Kalahari Sunset</i> x <i>Lc. Trick or Treat</i>	Duckitt Ruby
Kalahari Sunset	<i>Sic. Marlian Sunrise</i> x <i>Lc. Chit Chat</i>	Duckitt Ruby
Mahalo Sky	<i>Sic. Mahalo Jack</i> x <i>C. Horace</i>	F.Fordyce
Marlian Sunrise	<i>Lc. Scarlet Imp</i> x <i>S. coerulesa</i>	F.Fordyce
Memoria Amaldo Cesar	<i>L. flava</i> x <i>Sic. Jewel Box</i>	R.Glorchino
Memoria Oma Schoone	<i>Lc. Angel Heart</i> x <i>Sic. Jeweller's Art</i>	R.Glorchino
Newberry Radiance	<i>Lc. Mini Purple</i> x <i>Sic. Spicey Hot</i>	W.A.Baker
Orange Harvest	<i>Sic. Psyche</i> x <i>Sic. Orglade's Early Harvest</i>	Carter & Holmes
Orquidacea's Tangerine Girl	<i>Sic. Orglade's Early Harvest</i> x <i>Lc. Chocotome Gold</i>	W.A.Baker
Sweet Walk	<i>C. walkeriiana</i> x <i>Sic. California Sweetheart</i>	R.Glorchino(M.Vanike)
Tropical Vacation	<i>Lc. Tropical Sunset</i> x <i>Sic. World Vacation</i>	Suwada Orch.
TOLLUMNIA		
Diego Chill Sauce	<i>Tolu. Luetlicke's Hot Poker</i> x <i>Tolu. Memoria Sadao Oka</i>	W.A.Baker
Diego Red Hot	<i>Tolu. [Onc.] Luetlicke's Surprise</i> x <i>Tolu. Memoria Sadao Oka</i>	W.A.Baker
Diego Star Fire	<i>Tolu. Shanu</i> x <i>Tolu. [Onc.] Luetlicke's Surprise</i>	W.A.Baker
Luetlicke's Rainbow	<i>Tolu. Luetlicke's Surprise</i> x <i>Tolu. Rainbow Pride</i>	W.A.Baker
Shanu	<i>Tolu. [Onc.] Shannon Elizabeth</i> x <i>Tolu. Manu</i>	W.A.Baker(Jon Oka)
TRICHOCENTRUM		
John Ignacio	<i>Trt. [Onc.] Joshua Fuchs</i> x <i>Trt. Jimmy Lim</i>	Robt.Marsh
VANDA		
Eliv Carroll	<i>V. Pinchal Beauty</i> x <i>V. Tavesuksa</i>	R.F.Orchids(P.Chanudomchok)
Ioc	<i>V. Singa Ruby</i> x <i>V. [Pto.] Ieres</i>	Singapore Bot.Gdns
Leslie's Delight	<i>V. Sonjit</i> x <i>V. Gordon Dillon</i>	R.F.Orchids
Memoria Simon Baric	<i>V. Precious Memories</i> x <i>V. Rolff's Indigo</i>	R.Panczak
Nadia Butler	<i>V. Pinchal Beauty</i> x <i>V. Chindavat</i>	R.F.Orchids(P.Chanudomchok)
Singa Ruby	<i>V. insignis</i> x <i>V. Prolific</i>	Singapore Bot.Gdns
Somsi Blue Classic	<i>V. Somsi Pink</i> x <i>V. coerulesa</i>	S.Boonyam
Somsi Blue Diamond	<i>V. Somsi Pretty</i> x <i>V. coerulesa</i>	S.Boonyam
VANDEWEGHEARA		
Cloud Nine	<i>Dips. Wong Yit Hoe</i> x <i>Ascds. Children World</i>	W.How
VASCOSTYLIS		
Jean's Delight	<i>Vasco. Shigenori Yamanaka</i> x <i>Ascds. Yip Sum Wah</i>	E.Gilliland(O/U)
Seremban Hon	<i>Vasco. Tham Yuen Hae</i> x <i>Ascds. Red Gem</i>	Tan Chin Heong(Hon San)
VUYLSTEKEARA		
Carnivale	<i>Oda. Wally Curry</i> x <i>Mill. Guanabara</i>	Mauna Kea Orch.
Enzan Fantasy	<i>Vuyt. Cambria</i> x <i>Oda. Florence Love</i>	Mukoyama
Grainville	<i>Mill. Portelet</i> x <i>Oda. Victoria Village</i>	E. Young O.F.
Nichirei Boulder	<i>Odda. Boussole</i> x <i>Oda. Lavender Lace</i>	Nichirei Corp.
Nichirei Purple Marie	<i>Mill. Nichirei Purple King</i> x <i>Oda. Marie Noel</i>	Nichirei Corp.
Telpet's Rofuctus	<i>Vuyt. Yokara</i> x <i>Oda. Nichirei Sunrise</i>	P.Teipel
WAIYENGARA *		
Willie How	<i>Wira. Caroline Leong</i> x <i>Rndm. Sultanah Zenariah</i>	W.How
WILLSONARA		
Barossa Delight	<i>Oda. Barossa Valley</i> x <i>Onc. [Mill.] Ron's Rippling Delight</i>	Mauna Kea Orch.
Copper Rain	<i>Wis. [Burr.] Brown Derby</i> x <i>Oda. Harry Baldwin</i>	W.A.Baker



NAME	PARENTAGE	REGISTERED BY
Firefly	<i>Onc. [Mtdm.]</i> Rex Van Delden x <i>Oda. Fireflower</i>	Mauna Kea Orch.
Jaquar's Blush	<i>Oda. Barossa Valley</i> x <i>Odcadm. Mexican Music</i>	Mauna Kea Orch.
Lava	<i>Oncda. [Burr.]</i> Klausea x <i>Odcadm. [Lorrain's] Fourteenth Woc</i>	Mauna Kea Orch.
Nichirei Chargale	<i>Oncda. Charlesworthii</i> x <i>Oda. Gargate Mill</i>	Nichirei Corp.
Nichirei Charlier	<i>Oncda. Charlesworthii</i> x <i>Oda. Erik Jaeger</i>	Nichirei Corp.
Nichirei Coupico	<i>Wils. Pimlico</i> x <i>Odm. Coupe Point</i>	Nichirei Corp.
Nichirei Purbertic	<i>Wils. Nichirei Purbert</i> x <i>Oda. Eric Young</i>	Nichirei Corp.
Pacific Rooster	<i>Odcadm. [Colm.]</i> Wildcat x <i>Oda. Arlington</i>	Mauna Kea Orch.
Pagan Sun	<i>Oncda. [Burr.]</i> Jimbo x <i>Oda. Camrine</i>	Mauna Kea Orch.
Red Stars	<i>Wils. Lisa Devos</i> x <i>Onc. [Mtdm.]</i> Issaku Nagata	Mauna Kea Orch.
YITHOEARA * How Yee Peng	<i>Vwga. Cloud Nine</i> x <i>Prra. Luke Thai</i>	W.How
ZELEMNIA		
Evangelina Herrera	<i>Zlm. [Onc.]</i> Orchidom Carousel x <i>Tolu. [Onc.]</i> Alameda Joy	M.Aybar(W.Savage)
ZELENKOCIDIUM		
Rising Sun	<i>Zed. [Onc.]</i> Alohi x <i>Onc. forbesii</i>	Woodland
Thunderhead	<i>Zed. [Onc.]</i> Alohi x <i>Onc. Cloud Ears</i>	Woodland
ZYGONERIA		
Exotic's Leopard	<i>Zga. Kulipo</i> x <i>Zga. Adelaide Meadows</i>	Exotic Orchids
Valley Isle	<i>Zga. Adelaide Meadows</i> x <i>Z. James Strauss</i>	Exotic Orchids
ZYGOPABSTIA		
Blue Ribbon	<i>Zba. [Zcx.]</i> Leopardinus x <i>Z. Kiwi Dusk</i>	R.Kaufmann
ZYGOPETALUM		
Great Eisen	<i>Z. Patricia Eisenbeiss</i> x <i>Z. Alan Greatwood</i>	R.Stevens(George Black)
Valley Isle Mystic	<i>Z. Blue Eyes</i> x <i>Z. James Strauss</i>	Exotic Orchids

1 Disa Penelope D. Krige. The epithet commemorates Penelope Disa Krige. In Sweden Disa is a feminine given name. However under ICNCP Art. 19.23 (2004) the epithet may not contain the name of the genus to which it is assigned, hence it is contracted to an initial.

\*New or new to registration, intergeneric hybrid genus with abbreviation (in square brackets after the genus name) for the following combinations. The botanical authority follows each component genus.

Dyanara [Dlx.] W.How = *Aerides* Lour. x *Arachnis* Bl. x *Ascocentrum* Schltr. ex J.J.Sm. x *Paraphalaenopsis* A.D.Hawkes x *Rhynchosylis* Bl. x *Vanda* Mill.  
Haraenopsis [Hrp.] Zhilin Chen = *Haraella* Kudô x *Phalaenopsis* Bl.  
Mizunara [Mzu.] J.M.H.Shaw = *Ascocentrum* Schltr. ex J.J.Sm. x *Neofinetia* Hu x *Renanthera* Lour. x *Vanda* Mill. Named for Norman K. Mizuno of Hawaii.  
Rebeccaara [Reb.] = *Cattleya* Lindl. x *Encyclia* Hook. x *Laelia* Lindl. x *Prosthechea* Knowles & Westc. x *Schomburgkia* Lindl.  
Rhynchoelloglossum [Rcq.] = *Cochlidia* Lindl. x *Odontoglossum* Kunth x *Rhynchosistele* Rehb.f.  
Wanyangara [Wyg.] W.How = *Aerides* Lour. x *Arachnis* Bl. x *Ascocentrum* Schltr. ex J.J.Sm. x *Renanthera* Lour. x *Rhynchosylis* Bl. x *Vanda* Mill.  
Yithoeara [Yit.] W.How = *Aerides* Lour. x *Ascocentrum* Schltr. ex J.J.Sm. x *Doritis* Lindl. x *Phalaenopsis* Bl. x *Rhynchosylis* Bl. x *Vanda* Mill.

Hybrid genera required for unregistered greges in cultivation.

*Aganopse* [Agt.] = *Agenisia* Lindl. x *Lycaste* Lindl. x *Zygopetalum* Hook.  
*Brassochilum* [Bss.] = *Brassia* R.Br. in W.T.Aiton x *Cyrtorchilum* H.B.&K.  
*Gonginia* [Ggn.] = *Gongora* Ruiz & Pav. x *Paphinia* Lindl.  
*Lockloglossum* [Lkg.] = *Lockhartia* Hook. x *Odontoglossum* H.B.&K.

Hybrid genera in registration and/or general use requiring validation.

*Aspalmeonia* [Alm.] = *Aspasia* Lindl. x *Leochilus* Knowles & Westc. x *Tolumnia* Raf.  
*Aspasopsis* [Apo.] = *Aspasia* Lindl. x *Miltoniopsis* God.-Leb.  
*Aspospis* [Aso.] = *Aspasia* Lindl. x *Psychopsis* Raf.  
*Bonplandera* [Bnp.] = *Cochlidia* Lindl. x *Culliauzina* La Lave & Lex. x *Miltonia* Lindl. x *Oncidium* Sw.  
*Bramillunmia* [Bmt.] = *Brassia* R.Br. in W.T.Aiton x *Miltonia* Lindl. x *Tolumnia* Raf.  
*Brasdadistele* [Bdt.] = *Ada* Lindl. x *Brassia* R.Br. x *Rhynchosistele* Rehb.f.  
*Brassopsis* [Brs.] = *Brassia* R.Br. in W.T.Aiton x *Oncidium* Sw. x *Rhynchosistele* Rehb.f.  
*Brassostele* [Bst.] = *Brassia* R.Br. in W.T.Aiton x *Miltoniopsis* God.-Leb.  
*Brassostele* [Bst.] = *Brassia* R.Br. in W.T.Aiton x *Rhynchosistele* Rehb.f.  
*Cauchostele* [Cus.] = *Caucaea* Schltr. x *Rhynchosistele* Rehb.f.  
*Caucidium* [Coc.] = *Caucaea* Schltr. x *Oncidium* Sw.  
*Chelychocentrum* [Chn.] = *Chelyorchis* Dressler & N.H.Williams x *Trichocentrum* Poepp. & Endl.  
*Chelycidium* [Chd.] = *Chelyorchis* Dressler & N.H.Williams x *Oncidium* Sw.  
*Chelyopsis* [Cpy.] = *Chelyorchis* Dressler & N.H.Williams x *Psychopsis* Raf.  
*Claudegayara* [Cgy.] = *Cochlidia* Lindl. x *Miltoniopsis* God.-Leb. x *Miltonia* Lindl. x *Odontoglossum* H.B.&K. x *Oncidium* Sw.  
*Cochlidopis* [Cdp.] = *Cochlidia* Lindl. x *Miltoniopsis* God.-Leb.  
*Cochlostele* [Clt.] = *Cochlidia* Lindl. x *Rhynchosistele* Rehb.f.  
*Cochlionopsis* [Ccp.] = *Cochlidia* Lindl. x *Miltoniopsis* God.-Leb. x *Oncidium* Sw.  
*Cochlionopsis* [Ccp.] = *Cochlidia* Lindl. x *Tolumnia* Raf.  
*Commarumara* [Cmm.] = *Cochlidia* Lindl. x *Miltoniopsis* God.-Leb. x *Odontoglossum* H.B.&K. x *Zelenkoa* M.W.Chase & N.H.Williams

*Comparumia* [Cmc.] = *Comparitia* Poepp. & Endl. x *Tolumnia* Raf.  
*Cullitacidium* [Cud.] = *Culliauzina* La Lave & Lex. x *Oncidium* Sw.  
*Cullitadoglossum* [Cdp.] = *Cochlidia* Lindl. x *Culliauzina* La Lave & Lex. x *Odontoglossum* H.B.&K.  
*Cullumnia* [Cln.] = *Culliauzina* La Lave & Lex. x *Tolumnia* Raf.  
*Cyrassostele* [Crs.] = *Brassia* R.Br. in W.T.Aiton x *Cyrtorchilum* H.B.&K. x *Rhynchosistele* Rehb.f.  
*Cyrtolauzina* [Cyl.] = *Cyrtorchilum* H.B.&K. x *Odontoglossum* H.B.&K.  
*Cyrtolauzina* [Cyl.] = *Culliauzina* La Lave & Lex. x *Cyrtorchilum* H.B.&K.  
*Cyrtoloda* [Crt.] = *Cochlidia* Lindl. x *Cyrtorchilum* H.B.&K.  
*Cyrtionopsis* [Crm.] = *Cyrtorchilum* H.B.&K. x *Miltoniopsis* God.-Leb.  
*Endlicherara* [Edl.] = *Aspasia* Lindl. x *Brassia* R.Br. in W.T.Aiton x *Miltonia* Lindl. x *Miltoniopsis* God.-Leb. x *Odontoglossum* H.B.&K.  
*Forstera* [Frs.] = *Brassia* R.Br. in W.T.Aiton x *Cochlidia* Lindl. x *Miltonia* Lindl. x *Miltoniopsis* God.-Leb. x *Odontoglossum* H.B.&K.  
*Freziera* [Fz.] = *Aspasia* Lindl. x *Cochlidia* Lindl. x *Miltoniopsis* God.-Leb. x *Odontoglossum* H.B.&K.  
*Golumnia* [Glm.] = *Gomesa* R.Br. x *Tolumnia* Raf.  
*Gomenkoa* [Gmk.] W.Savage & J.M.H.Shaw = *Gomesa* R.Br. x *Zelenkoa* M.W.Chase & N.H.Williams  
*Gomezia* [Gmg.] = *Gomesa* R.Br. x *Rodriguezia* Ruiz & Pav.  
*Humboldtera* [Hmb.] = *Culliauzina* La Lave & Lex. x *Miltonia* Lindl. x *Miltoniopsis* God.-Leb. x *Odontoglossum* H.B.&K. x *Oncidium* Sw.  
*Hydecomarara* [Hcm.] = *Comparitia* Poepp. & Endl. x *Oncidium* Sw. x *Rodriguezia* Ruiz & Pav. x *Zelenkoa* M.W.Chase & N.H.Williams  
*Ionara* [Ilo.] W.Savage & J.M.H.Shaw = *Gomesa* R.Br. x *Rodriguezia* Ruiz & Pav. x *Tolumnia* Raf.  
*Ionumnia* [Inm.] = *Ionopsis* H.B.&K. x *Tolumnia* Raf.  
*Lawlessara* [Law.] = *Miltonia* Lindl. x *Miltoniopsis* God.-Leb. x *Odontoglossum* H.B.&K. x *Oncidium* Sw.  
*Leochilumnia* [Llm.] = *Leochilus* Knowles & Westc. x *Tolumnia* Raf.



*Dendrobium* Jan Orinstein was registered as *Den. aphylum* [pierardii] x *primulinum* in 1979. The reciprocal cross had already been named as *Den. Venusium* in 1920. However in *Orch. Rev.* 28(3): 92, 154 (1920) a note explains that this hybrid was renamed *Den. primularidii* Rolfe as the name *Den. Venusium* Teijsm. & Binn. was already in use for a species and hence unavailable. It appears that Rolfe thought it could be a natural hybrid.

*Epidendrum*, *Encyclia* & *Prosthechea*  
Work has commenced to gradually refine the nomenclature used in the register for this group.

Accordingly the following new hybrid genera are required:

*Cattleyohela* [Cvhy.] = *Brassavola* Lindl. x *Prosthechea* Knowlton & Westc.

*Encyleyrola* [Evy.] = *Brassavola* Lindl. x *Cattleya* Lindl. x *Encyclia* Hook.

*Epithechea* [Etc.] = *Epidendrum* L. x *Prosthechea* Knowlton & Westc.

*Procatavola* [Pox.] = *Brassavola* R.Br. x *Cattleya* Lindl. x *Prosthechea* Knowlton & Westc.

*Prosaellacattleya* [Plc] = *Cattleya* Lindl. x *Laelia* Lindl. x *Prosthechea* Knowlton & Westc.

*Prosaella* [Psv.] = *Brassavola* R.Br. x *Prosthechea* Knowlton & Westc.

*Prostonia* [Pros.] = *Broughtonia* R.Br. x *Prosthechea* Knowlton & Westc.

**Establishment of new groups**

*Cymbidium* Norbert Gomes gx *Shine On You Gp* derived from *Cym. sinense* 'Chin Wait Shan' x *Cym. ensifolium* Rubrigemum Gp. Made by Buddy F. Mark, April 1995, f. fl. 10 Oct 2003. Description: Flower form similar to *Cym. sinense* but petals open, not clasping the column. Sepals wine red with a central darker midrib. Petals base colour off-white, suffused green and striped lengthways with five wine-red stripes; the central stripe a darker wine-red colour. Lip cream, edged with irregular wine red blotches.

*Vanda* Rothschildiana gx *Sancoerpink Group* derived from *V. sanderiana* x *V. coerulea* Pink Flowered Gp. Description: Flowers large, round whitish-pink overlaid with deep magenta tessellation. Named by David Grove, who obtained a plant in Bangkok, Thailand. Mentioned plants are available.

Discerning readers may have noticed that most of the hybrid genera appearing in this supplement have appeared in previous issues. Due to a semantic point involving the wording of the list heading they were rejected by the indexing authorities at the time under Art. 34.1b ICBN (2000). All these names have since been validated by publication elsewhere, effective 20th May 2005, and are listed here once again to make plain their validity.

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## Australian Natives

There are many natives that bloom during the summer months. Including *Sarcochilus ceciliae*, *Dendrobium monophyllum*, *Phaius* species, *Calanthe triplata* and our native cymbidiums. There will also be some *Dendrobium* hybrids with tropical parentage in bloom.

The ongoing challenge of providing enough water to keep our orchids growing and healthy remains. Light rain barely wets the soil and any good downpours seem to be followed by strong, drying winds. This means the challenge of storing water is now a long term issue. The variety of water tanks continues to increase.

Make the most of water by watering in the evening. This is a great time of day to get out in the cool after the sun sets and have a good look at your collection – unless you live in an area with lots of mozzies. Under bench foliage plants will help to maintain humidity levels throughout the day and will also help to create a healthy microclimate for orchids. If you are hand-watering change the order in which you water your plants so if you get tired or run out of time at the end the same ones don't keep missing out.

Look at your growing environment. See if you can stop some of the moisture-stealing winds by using solid coverings or simply trees and shrubs growing thick and high, but take care not to completely block all air movement or you will end up with a greenhouse that the cooler growing natives won't appreciate, or problems with fungal infections.

Repotting can continue over the summer, particularly if you didn't get it all done earlier. I had quite a few natives with mature growths by October. I wonder if I'll get a second crop before summer is out or do they know something unpleasant is coming? Evaluate your media. Does it dry out too quickly and need some water retaining material added? Take note about the usual warning about making a radical media change and applying it to the whole of your collection at once. There have been disasters where new media doesn't suit the growing conditions or water quality and many natives have been lost.

Keep the fertiliser dilute. You don't want salt build-up if you don't have the water to flush out the pots. If you are hand watering it would be very tempting to add fertiliser every time. Don't be tempted!

Keep things tidy around the plants. Remove weed from pots as they steal valuable water as well as turn the media to mush.

There will be pests ready to munch lush green new shoots. The usual slugs and snails and new growth munching caterpillars

come out after dark. Ants nest in the top of growths of large dendrobiums such as *D. speciosum*, there will often be scale as well. I use a small amount of vegetable oil mixed with pure soap on them. It is also effective for upsetting aphids which collect on new growths. Aphids can be removed by gently running fingers along the growth and squashing them. An environmentally friendly method of control and you can use gloves if you don't like the mess. Dendrobium beetle is an insidious pest found in many drier areas. The black and orange adults lay eggs that look like foam at the base of the pseudobulbs. The larvae are fat caterpillars that eat out the centre of the pseudobulb. Their presence is often undetected until it is way too late. They particularly like the large growths of *D. speciosum*. Controlling this pest need potent systemic insecticides or, if you don't have many beetles, you could try catching and squashing adults by putting your hand or something under them before knocking them off the growth. If you notice a hole created by the caterpillar, insert a piece of wire or perform some light surgery to expose it then remove it.

## Cattleyas

Cattleyas are now in full growth. Some in flower, others in bud and others, thinking about it! Many growers are now potting on, dividing and generally getting plants ready for the summer growing season.

Give plants plenty of fresh air, that is good clean air with plenty of movement. Hang if possible in shade house. Watch sun burn. (use ENVY®). Water when necessary. Watch water restrictions. Look for scale – use ECO OIL®. Fertilise weekly with MAJOR CARP®. You can alternate with Alan's MERRI-FERT.

## Cymbidiums

By now all cymbidium growers should be madly repotting. This is indeed a busy time for all of us. Don't forget to break off all flower racemes. Remember, if you leave them on you could get a bad flowering next year. Once they are broken off, plants seem to jump ahead.

Well what should we be doing now! Get rid of all weeds in pots and under benches. Once you have cleaned up your weeds many growers apply RONSTAR® around the top of the pot. Do not sprinkle the granules in amongst the bulbs. Read directions very carefully. Don't over do the rate on label. Spray under benches with your favourite herbicide such as BIO-ACTIVE ROUNDUP®. This formulation will not kill your frog and lizard

population.

Check under leaves for signs of two spotted mites. If present, spray your plants with ECO OIL®. This is environmentally friendly. In fact it is a good idea to mix some MANCOZEB or ECO-CARB® with the oil. If you have a black spot problem, a new product has hit the market called ECO CARB®. This is a contact fungicide containing food grade Potassium Bicarbonate. This has been specially formulated to make it biologically active against fungal diseases. So far this product has shown remarkable results when used on roses. Let us hope that the use on orchids will be forthcoming. As of now it is only registered for use on roses.

The rate is 3 to 4 grams in 1 litre of water for Roses. (Very important! You must mix 2mls of SYNERTROL HORTI-OIL® with the Eco-Carb®).

After the festive season you can top dress with ORGANIC LIFE® pellets. A light dusting over the top of the pots with super fine lime. This helps to keep the media sweet! Many growers like to top dress with a 5 to 6 month controlled release fertiliser. A weekly spray with PETERS EXCELL HI "K" fertiliser or if you haven't tried it yet – Alan's "MERRI-FERT".

During the summer period, if possible, water the plants just on dusk. This helps to encourage next seasons flowering.

If you suffer bulb or root rot a monthly drench with AGRIFOS-600 may help.

Do you want prize winning blooms, then try the following:-

Apply the following every two to three weeks:

AMINOGRO @ 5ml – per litre of water  
Plus ACADIAN @ 1gm  
Plus ECO-OIL @ 2.5ml

More about this concoction in a later edition of our favourite orchid magazine (A.O.R.).

## Question of the month

What is the difference between the following cymbidiums.

*Cym. Melita Fair "Krista"*, *Cym. Kalang x Baltic x (Joan of Arc x Arcadian Melody) "Krista"* and *Cym. Pastel Dawn x Melita Fair "Krista"*. Answer next month!

## Paphiopedilum

Any outstanding repotting should be attended to early during this period as paphs. really do not like very hot weather and there is no sense in adding the stress of repotting to the stress caused by heat.

The early part of this period is the time to attend to shading. Look for areas of clear glass and spots where the sun shines

through open vents. The best conditions are really obtained when extra shade is added during summer and largely removed during winter. If you follow this practice the shade should be in place by now. If, however, you just add a bit extra shade during summer this is the time to do it. Overlong leaves which tend to hang over the side of the pot are a sign of too much summer shade; short, upright, yellowish leaves indicate too little.

Regular watering and fertilising is the routine for this period of the year. Don't overdo it, even when the weather is hot. If the plants don't need water, and you feel you must do something, simply give them a misting with a fog nozzle. It is a good idea to get to know the weight of a pot when wet and when dry; this way you won't keep the plant too wet. The experienced grower can tell by the look of the plants when he needs to water – the leaves droop ever so slightly. Another good trick is to run your hand over the top of the leaves; when they are turgid they rustle – when they need water they don't.

During very hot weather it is good practice to water during the evening. This helps the night temperature; it also allows the plant to take up and retain water so that it is better prepared for the heat of the next day.

If you strike a plant which is droopy and dehydrated, even though the mixture is obviously moist, the odds are that it has no roots. Maybe it has been kept too wet. In any case it should be repotted into fresh mixture, no matter what the season. Repotting is usually sufficient but if you feel there is a major problem, a swim in Fongard for twenty minutes or so (the plant, that is) will do no harm.

Keep an eye out for mealy bug and treat it early if you find it, as it can spread like wildfire. The only other problem you may strike is a fungal infection which appears in hot, humid weather and seems to affect only green-flowered paphs. This appears as small brown spots which quickly turn to holes through the leaves. The effect is almost as though somebody has fired a shotgun – from some distance – at the plant. This does little harm but it is unsightly. It is easily cleared up with Ciba Geiav Rose spray.

## Phalaenopsis

During the summer period everyone who grows *Phalaenopsis* will be enjoying those beautiful blooms. As we all know they now come in all colours and combinations of colours, stripes, spots, blotches etc but oh! How I like those long racemes with twenty odd large white flowers!

Well what should we be doing? Watch

shading of our growing house. If you have too much light you get burnt leaves – yellowish, and short racemes. The light should be of sufficient strength to just form a light shadow. This should be around 900 to 1,000 foot candles. Next comes humidity. During the day you can try and keep the air around humidity around 70%. Because night temperature usually drops the humidity should drop 50%. During hot weather damping down of the floor helps to keep the humidity up. Water plants when starting to dry. In the Sydney area this usually is around every third to fifth day. If you keep the humidity up, you will have to water less often!

During summer pests can become a problem. Broad mite and Mealy bug are the main source of problems. A good spray program using ECO OIL should help to get rid of these pests. Remember, be careful when using oils as they can abort buds and mark blooms. Watch for bacterial spot, crown rot, and pseudomonas. These diseases can be controlled by the use of HYSAN®. *Phalaenopsis* leaves can also contract the fungus disease *Gloeosporium affine* (anthracnose). The use of MANCOZEB can usually control this fungal disease.

Fertilising is very important this time of the year. You can use PETERS GENERAL PURPOSE or Alan's MERRIFERT. Apply at half rate every three or four days or full strength weekly. If plants are not in spike and are over grown, you may repot if the weather is cool (not 30 degrees plus).

## Vandaceous

**Potting:** Potting of small plants can be done at any time. Top any large plants which have become leggy, leaving at least three roots on the top. If possible some leaves should be left on the old stem to encourage kikie growth.

**Watering:** Water daily. Keep root system moist with additional misting if necessary.

**Light:** Strap leaf vandas and ascocendas need 50 to 70% shade. Other vandas 30%.

**Fertiliser:** Fertilise weekly alternating over a four weekly period.

Wk.1. – Inorganic high nitrogen (Campbells B, Aqua feed or Aquasol).

Wk.2. – Wuxal Foliar.

Wk.3. – As for Wk.1.

Wk.4. – Organic (Fish Emulsion or Nitrosol).

**Pest Control:** Fungicide every six weeks with Daconil, Mancozeb, Ridomil MZ WP, or Wettable Sulphur.

Use Diazanone, Malathion or Pyrethrum to control scale and insects.

## Hills District Orchids Summer Open Day – 26th February 2006

It won't be long before the first of the major orchid events of 2006 is with us. The Hills District Orchids Summer Open Day will be held on Sunday 26th February 2006. Also attending on the day will be Tinonee Orchid Nursery (Ray Clement – 02 6553-1012), Macquarie Native Orchids (Mike Harrison – 02 4576-3290) and Miriam Ann Orchids (Alan Merriman – 02 4739-5141) for all your fertilizers and orchid related chemicals. Alan also conducts monthly growing classes at his Glenbrook nursery and produces free monthly growing notes via email; more details send a request to [miram-norchids@pnc.com.au](mailto:miram-norchids@pnc.com.au)

The Open Day is held at Hills District Orchids, 183 Windsor Road Northmead 2152 (next to "The Home Team"). Starts at 9am, going until 4pm. Please park in Mary Street or Windermere Avenue. Light refreshments available on the day. Stay for the lunchtime sausage sizzle!

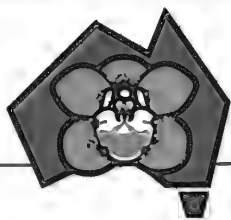
Email: [davidbanks@veritel.com.au](mailto:davidbanks@veritel.com.au)

## Sydney International Orchid Fair: 31st March & 1st, 2nd April 2006

This most popular event will again be held at the Harvey Lowe Pavilion, Castle Hill Showground, on the corner of Showground and Carrington Roads, Castle Hill. It will be a little earlier this year, being held from Friday 31st March to Sunday 2nd April 2006. 9am – 5pm Friday and Saturday, 9am – 3pm on Sunday.

Expected vendors for 2006 include. Aranbeem Orchids, Aussie Plant Tags, Dark Star Orchids, David Keanelly Orchids, Easy Orchids, Fong Ping Orchids, Hills District Orchids, Horticultural Solutions, Iris Haven, Johnston's Orchids, Macquarie Native Orchids, Melanquin Gardens (Bromeliads), Miriam Ann Orchids, Nicky's Slippers, Orchid Oasis, Orchid Pot Company, Orchid Species Plus, Orchidaceous Books, P & R Orchids, Robertson's Orchids, Rosella Orchids, Schaeffer's Orchids, Tinonee Orchid Nursery, Wirra Willa Orchids and Carnivorous Plants.

For more details visit [www.orchidfair.com.au](http://www.orchidfair.com.au)



# Cymbidiums Australia

PRESENTED BY THE AUSTRALIAN CYMBIDIUM SOCIETY INC.

## Editor's Report

This issue features reports in words and pictures on two of this year's major *Cymbidium* shows – the National Cymbidium Show hosted by the Cymbidium Club of South Australia, and the Cymbidium Orchid Festival staged in Ararat by the Cymbidium Orchid Society of Victoria. Shows such as these are exciting events that bring together many of the best *Cymbidium* growers in the country, and the latest and best cymbidiums. Of course the lead up to such events involves months of hard work and preparation, much of it unnoticed and unsung, but essential to the success of such events. Likewise, the support of the many sponsors who make possible the prize money, fund the overheads, and provide the financial security to make staging these shows possible deserves our recognition and thanks as without this financial security it would be much harder for the state clubs to undertake these events.

For those readers who were unable to attend these shows, the reports in the following pages will hopefully give a taste of the quality seen in the displays and flowers featured.

Australian Cymbidium Society President, Peter Moore, and the Cymbidium Club of South Australia, introduce the latest recipient of the ACS Award of Recognition and outline this the eighth honoree's contributions and the reasons for his being recognised. Consideration for this award is dependent upon a considerable level of contribution over an extended period involving hybridisation, promotion, service, or support of cymbidiums or *Cymbidium*

organisations, or a combination of some or all of those categories. Some recipients may be household names within *Cymbidium* circles while others perhaps may be more quiet achievers, but all in their way have made a significant contribution to cymbidiums in their home state and/or within Australia.

To many of us Dean Roesler's personal and eclectic reviews of some of the most interesting new cymbidiums seen each season were articles to be anticipated and enjoyed. Under the headings 'Eye-catching Cymbidiums' or 'Seen Any Good Orchids Lately?' Dean would often feature cymbidiums that may or may not have caught the judges eyes at major shows, but certainly caught his, and Rob and Noe Smith who share similarly broad tastes in cymbidiums are continuing the tradition with annual features in the same vein.

Grant Cole brings us a brief look at an orchid show from the United States of America, the 25th annual 'Fascination of Orchids' show and sale held in California. Grant's regular contributions give us a welcome look at the *Cymbidium* scene on the other side of the world.

Noe Smith gives us some thoughts and ideas on building a *Cymbidium* collection, with particular emphasis on helping those who might just be starting out on their journey, or those who are more experienced growers looking to update their collections.

Have a great Christmas and New Year and best wishes to all for the coming year.

Good growing . . .

**Rob and Noe Smith**  
Editors

## HOW TO JOIN A CYMBIDIUM CLUB IN YOUR STATE

### CYMBIDIUM CLUB OF AUSTRALIA INC.

Meetings are held on the 2nd Thursday of each month (except December, January and February)

Meetings commence 8.00 p.m.

Venue: Lakemba Chapter Remembrance Hall, 220 Lakemba Street, Lakemba, Sydney, N.S.W.

For further details contact Secretary, Peter Moore, 10 Stephanie Street, Padstow, N.S.W. 2211  
Phone: (02) 9721 0572  
President, Geoff LeMarne, Phone: (02) 9449 9648

### CYMBIDIUM CLUB OF SOUTH AUSTRALIA INC.

Meetings are held on the 4th Wednesday of each month (except December and January)

Auditorium open from 7.00 p.m. —

Beginners' Group commences 7.20 p.m.

Main Meeting commences 8.00 p.m.

Venue: Burnside Community Centre, 401 Greenhill Road, Tasmore, Adelaide, S.A.

For further details contact Secretary, Jeanne Hall, 18 Coorilla Avenue, Glenelg North, S.A. 5045  
Phone: (08) 8294 5562  
President, Ray Brady, Phone: (08) 8252 3812

### THE CYMBIDIUM ORCHID CLUB OF WESTERN AUSTRALIA INC.

Meetings are held on the 3rd Monday of each month (except January and February)

Benching of plants commences 7.15 p.m.

Popular Vote commences 7.50 p.m.

Main Meeting commences 8.00 p.m.

Venue: Belmont Sports & Recreation Club, Abernethy Rd, Belmont, W.A.

For further details contact Secretary, Dierdre Oliver, 35 Albert Road, Middle Swan, WA 6056  
Phone: (08) 9274 2308  
President, Helen Stretch  
Phone: 0419 197 043

### THE CYMBIDIUM ORCHID SOCIETY OF VICTORIA INC.

Meetings are held on 2nd Tuesday of each month (except January)

Popular Vote commences 7.50 p.m. —

Main Meeting commences 8.00 p.m.

Venue: Mt. Waverley Youth Centre, Millers Crescent, Mt. Waverley, Victoria.

For further details contact

Secretary, Jenifer Robertson, 54 Worthing Road, Devon Meadows, Victoria 3977  
Phone: (03) 5998 2226  
President, Peter Sunderland, Phone: (03) 5998 2535



**Noe Smith**

24 William Hunter Court,  
Rosebud, Vic 3939

Tel: (03) 5986 1121

Fax: (03) 5982 1847

Email:

rob.and.no@internode.on.net

**Rob Smith**



# The 2005 National Cymbid

Text by Rob Smith and Alec Cana

**F**rom Friday the 26th to Sunday the 28th of August the Cymbidium Club of South Australia staged the 2005 National Cymbidium Show at the West Adelaide Bearcats Basketball Stadium in Port Adelaide, South Australia, supported by the naming rights sponsor Fleuriijn

Orchids-Holland, and the City of Port Adelaide Enfield.

While the National Cymbidium Show is presented by the Australian Cymbidium Society, each show is staged and hosted by one of the member state clubs and in 2005 it was the CCSA's turn.

Grand Champion of Show and Champion Large Flower Cym. Kirby Lesh 'Pink Ice' – Kimberley Orchids.



The West Adelaide Bearcats Basketball Club Stadium at 50 St Vincent Street, Port Adelaide, provided a spacious venue with a floor area large enough to accommodate three basketball courts. The CCSA's show floor plan allowed for two blocks of displays with each block allowing displays on either side, separated by two metre high dividers. Each display area was thus provided with a solid backdrop that gave an ideal surface for exhibitors' creative ideas.

Work on preparing the venue began on the evening of Thursday the 25th with a strong turn out of CCSA members to set up judging areas, assemble dividers and mark out display sites. By around 11pm everything was in readiness for the influx of exhibitors and plants at 8am the following morning. By 10am on Friday the hall was a hive of activity and the judging area a riot of colour filling the floor area of one basketball court at the rear of the hall. Shortly after 11am the judges were assembled under the guidance of the 2005 National Cymbidium Show Registrar, Kevin Butler, and CCSA Registrar, Alec Canala. After some direction and a brief review of the ACS judging values the serious business of show judging began with over 20 judges from South Australia, New South Wales, Western Australia and Victoria divided into panels of three or four.

The end result of over three hours of concentrated work was the winners highlighted in this report.

**Grand Champion of Show and Champion Large Flower**, beautifully grown by Kimberley Orchids, was Cym. Kirby Lesh 'Pink Ice' which has won on the show bench and received a quality award for its owners in the past and, once more, demonstrated its quality is this year's show.

**Champion Small Standard** was a well grown multi-spiked plant of Cym. Beau Guest 'Glen' exhibited by Sims Orchids.

**Champion Intermediate** was Andy Tran's specimen-sized plant of Cym. Tango 'Velvet Sheen'. Like the previous two class champions, this orchid was also beautifully grown and presented.

**Champion Miniature** was won by Cym. Autumn Elf 'Libby' shown by Tom Burian Orchids.

**Champion Specimen** went to another



# ium Show at Port Adelaide

ala – photography by Rob Smith

plant exhibited by Andy Tran, *Cym.* Kimberley Valley 'Templestowe', a quality large flower from a very successful crossing.

A very important feature of the ACS National Cymbidium Show is the emphasis placed on the recognition of seedlings, the future of *Cymbidium* development and all four *Cymbidium* size classes are included in the champion classes for seedlings.

**Champion Large Flower Seedling** was a quality intense yellow shown by David Wain, *Cym.* (Conqueso x Lunakira). **Champion Small Standard Seedling**, also from David Wain, was *Cym.* (Cronulla x Red Valley). **Champion Intermediate Seedling** was Malcolm and Gay Hall's striking splash petal *Cym.* (Lunata x Willunga Royal). **Champion Miniature Seedling** was *Cym.* Night Flight 'Ashley' owned by Adrian Addison and Janelle Jarmyn.

The **John Mata Trophy for Best Display by a State Club** was won by the Cymbidium Orchid Society of Victoria with their theme display "Cymbidiums – Take a Closer Look".

A tasteful Chinese theme won the **ACS Trophy for Most Innovative Display** for the Cymbidium Orchid Club of Western Australia.

A unique feature of national *Cymbidium* shows is the **Leon & Wim Van Rijn Award**, a class specifically created and judged by Leon, that is separate from normal show judging and is aimed solely at identifying cut flower type large flower cymbidiums. Leon and Wim provide extra funds beyond their naming rights sponsorship for this special class and offer the prize winners the option of discussing a commercial arrangement for use of plants for cut flower production if the owners are interested. Any commercial arrangements are discussed after judging and play no part in the decision on which plants may win in this category. **First Prize** went to *Cym.* Julie Hawkes 'No. 18' shown by Kimberley Orchids, **Second Prize** went to *Cym.* Hypno Beauty 'No. 8' shown by David Keanelly Orchids, and **Third Prize** went to *Cym.* (Tracey Reddaway x Valley Zenith) shown by Sims Orchids.

All exhibitors can be justifiably proud

of the overall quality of the displays and individual cymbidiums shown at this year's national show. Some exciting new breeding lines were present along with many beautifully grown and presented well known ones. The range and types and variety of flowers shown among the cut

stems were also highlights of the show.

The **Champion Display**, won by Ezi-Gro Orchids, while being visually stunning and boasting a very well executed theme (see the last issue of Australian Orchid Review), was also made up entirely of cut stems covering an amazing

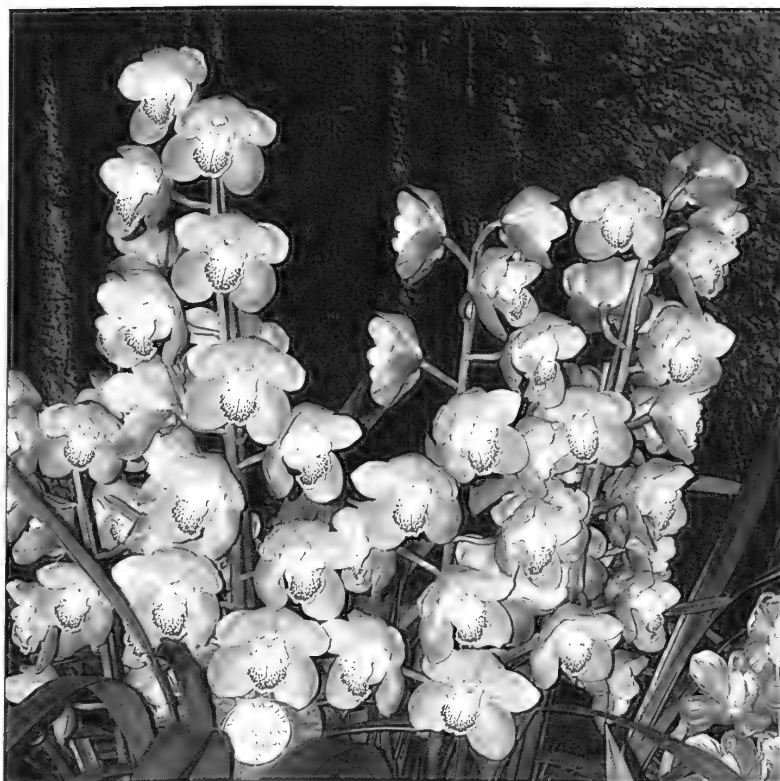
Champion Small Standard *Cym.* Beau Guest 'Glen' – Sims Orchids.





**Above:** John Mata Trophy winning display – COSV.

**Left:** Champion Specimen *Cym.* Kimberley Valley 'Templestowe' – Andy Tran.



variety of flower types, colours, and sizes, including many new grexes of novelty types.

The 2005 National Cymbidium Show certainly fulfilled its promise by bringing together many of the nation's best growers and the largest display of quality cymbidiums probably seen anywhere at one time. Those who worked so hard to prepare for this event and ensure its successful staging deserve our thanks and congratulations.

As with other national shows, the Saturday evening was the occasion for the show dinner and presentations to the major winners and some 200 people attended what was a most enjoyable night as the CCSA secured the services of a comedian to provide pre-dinner entertainment and he set the mood for what was to follow. Although he had been given a very tough gig, Brian Noble from Victoria was prevailed upon to give the dinner guests one of his fabulous Irish routines and was followed by the CCSA's own Malcolm Osborn, who is also no slouch in the comedy stakes, and who settled into the role of

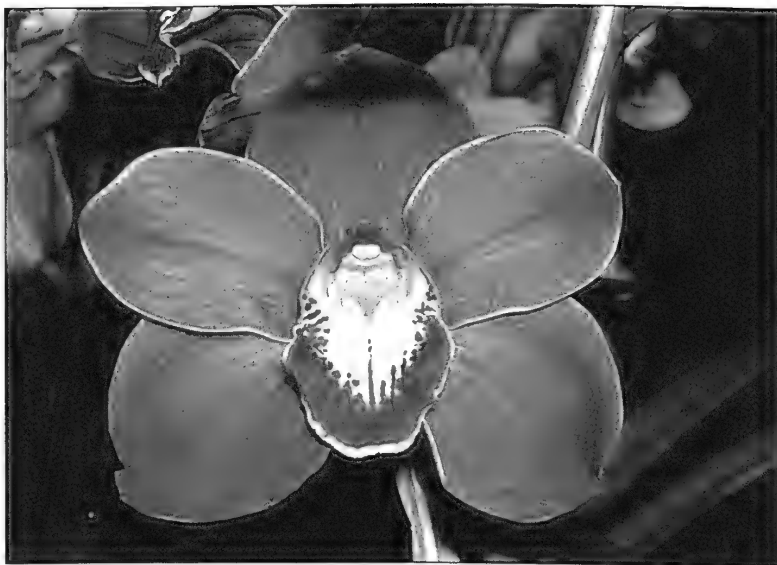
the evening's Master of Ceremonies after a couple rib-ticklers. Tribute was paid to the show organisers and behind-the-scenes workers before paying special tribute to the club's special guest, Mary Roesler, for her quiet work and support that made all of Dean's achievements possible. Malcolm also talked about the early days of the CCSA magazine and some of the crazy things that happened to Dean, Mary, John and Yvonne Longbottom, and himself while producing it, then moved on to Dean's dream of establishing a national full-colour *Cymbidium* magazine that was finally made possible with the help of the ACS, and Barry Badger and Ron Hoolahan of Graphic World – the *Australian Orchid Review* publishers. He also mentioned the seamless transition following Dean's passing, made possible by the development of the editorial team with Noe and Rob Smith which secured the future of Cymbidiums Australia when Dean's failing health made it impossible for him to continue alone.

During the rest of the evening presentations were made to the champion class winners, as well as several ACS awards by ACS Awards Registrar, Helen Stretch. Leon Van Rijn presented his own special class prizes as he does at the national show dinner each year, and ACS President, Peter Moore, spoke on the 2005 ACS Award of Recognition recipient's contributions to cymbidiums and his achievements. Peter didn't announce who the recipient was and it took several minutes for the penny to drop by the person involved (Note: Peter's speech and the recipient's identity appear in this issue). It was an innovative approach by Peter who must have been nervous performing his first official public function since becoming ACS President. Well done Peter!

All that remains is to thank the CCSA once again for a great show, to thank our sponsors Fleurijn Orchids-Holland, the City of Port Adelaide Enfield, Van Schaiks BIO-GRO, to thank all other loyal sponsors who are there year after year, and to say that the ACS and the Cymbidium Orchid Society of Victoria hope to see you all next year in early September when the national show will be held at Ararat. Plan to join us for what is undoubtedly the biggest single general orchid show in the world. ■

**Rob Smith**  
24 William Hunter Court  
Rosebud, Victoria 3939

**Alec Canala**  
117 Smart Road  
Modbury, South Australia 5092



Champion Cut Stem Cym. Flaming Vulcan – David Wain.

Leon & Wim Van Rijn Award First Prize Cym. Julie Hawkes 'No. 18' – Kimberley Orchids.





ACS Award for Most Innovative Display by a State Club – COCWA.

Malcolm and Gay Hall's *Cym. Charmy Green 'Tori'* – a fine new pure colour intermediate awarded by the judges.





## Honour for Norm Shipway



Well known Sydney intermediate and miniature Cymbidium grower Norm Shipway was recently appointed to the position of Patron of Parramatta & District Orchid Society, replacing the late Betty Pauley. Norm and wife Val have been members at PDOS since the early 1960's will Norm still on Committee after 40 continuous years of service! Norm has grown many types of orchids over the years, with cymbids being his favourite. He doesn't let his plants get too large, as he prefers to keep them in a standard pot size for easier use in displays. The photograph shows a small section of his plants in flower last season.

*David P. Banks*

*President: Parramatta & District Orchid Society*

*Email: davidpbanks@veritel.com.au*

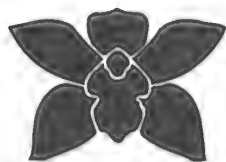
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# CYMBIDIUM ORCHIDS

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# The 2005 Cymbidium O

Text and photogr

**S**taged by the Cymbidium Orchid Society of Victoria in partnership with major sponsor Ararat Rural City, the Cymbidium Orchid Festival proved to be a significant event. While the majority of exhibitors were Victorian-based, it was a pleasure to welcome back several good friends and regular exhibitors from South Australia and New South Wales.

With 18 separate stands the main hall of the Ararat Performing Arts Centre was a riot of colour that included some of the best cymbidiums in Australia on show among the creative and well executed artistic displays that are always such a major feature of this show. Also, the promotion and recognition of seedling cymbidiums resulting from new avenues of

hybridising within the genus has long been an important aim of COSV and the schedule reflects this by offering champion categories for seedlings in all four size classes giving all growers an ideal opportunity to see the potential of many new breeding lines.

## Champions across all classes were:

**Large Flower Type Cym.** Julie Hawkes 'Southern Belle' – Kimberley Orchids.

**Small Standard Type Cym.** Sim's Vision 'Barcelona' – M Bray.

**Intermediate Type Cym.** Ruby Valley 'Cherry Pie' – J&A Leamon.

**Miniature Type Cym.** Red Promise 'Red Rose' – Kimberley Orchids.

**Specimen Large Flower Cym.** Kurralt Park 'Tennyson' – M Bray.

**Specimen Small Standard Cym.** Red Nelly 'No. 3' – D Keanelly.

**Specimen Intermediate Cym.** Ruby Valley 'Wilma' – T Symes.

**Specimen Miniature Cym.** Red Promise 'Red Rose' – Kimberley Orchids.

**Novelty Cym.** Pepper's Fire 'Fiesta' – P Grech.

**Cut Stem Cym.** Valley Zenith 'Green Orb' – I Takacs.

**Large Flower Seedling Cym.** (Khan Flame x Yowie Rose) – T Poulton.

**Small Standard Seedling Cym.** (Khan Flame x Spring Surf) – I Takacs.

**Intermediate Seedling Cym.** (Bewitched



# Orchid Festival at Ararat

by Rob Smith

Baker x Via Del Playa) – B&E Kimberley.  
**Miniature Seedling** Cym Sarah Jean 'No. 2' (remake) – Paradisia Orchids.

The display class gold sash winners were:

**Large Artistic/Theme Display** – J&A Leamon.

**Large Display** – D Wain.

**Medium Artistic/Theme Display** – C&D Allen.

**Medium Display** – I Takacs.

**Small Artistic/Theme Display** – J&B Walsh, W&T Symes and B&E Kimberley.

**Small Display** – S Champers.

As in previous years, COSV extends their thanks and appreciation to Ararat Rural City for their generous financial support, provision of the show venue, assistance with set up preparations from their Parks & Gardens staff members, and

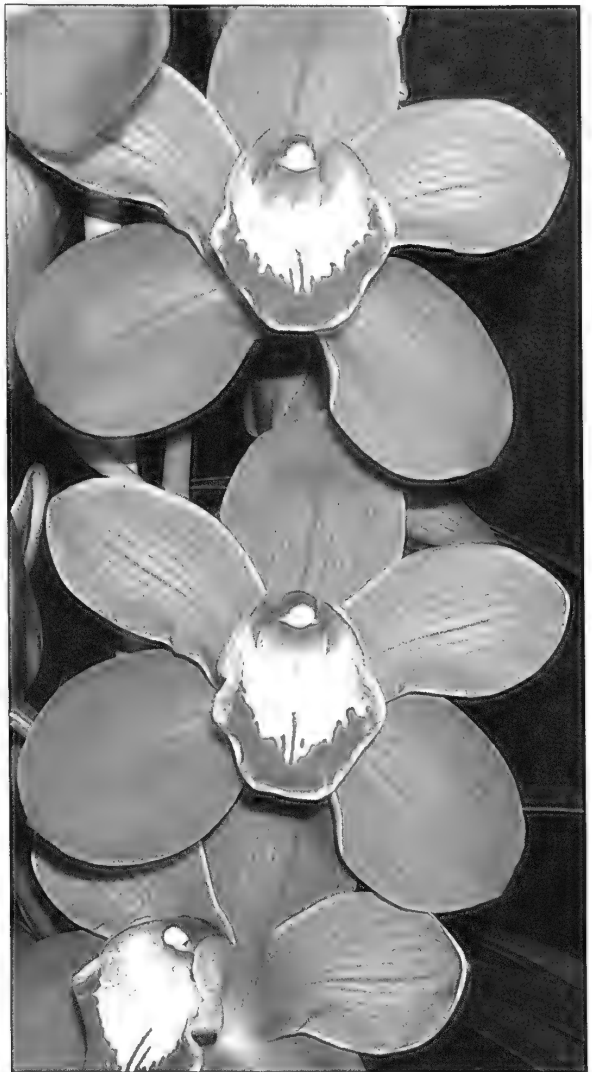
clerical services during the show. The partnership between Ararat Rural City and COSV has spanned a decade and, as well as being mutually beneficial to both parties, has also led to many firm friendships during that time. With the city's commitment to sponsor the 2006 National Cymbidium Show at this same venue, the relationship is set to continue into the future.

Rob Smith

**Right:** *Cym.* (Khan Flame x Yowie Rose), a great result from a Bryants Orchids crossing with good smooth red/purple colouring won Champion Large Flower Seedling and gained an HCC/COSV for Terry Poulton.

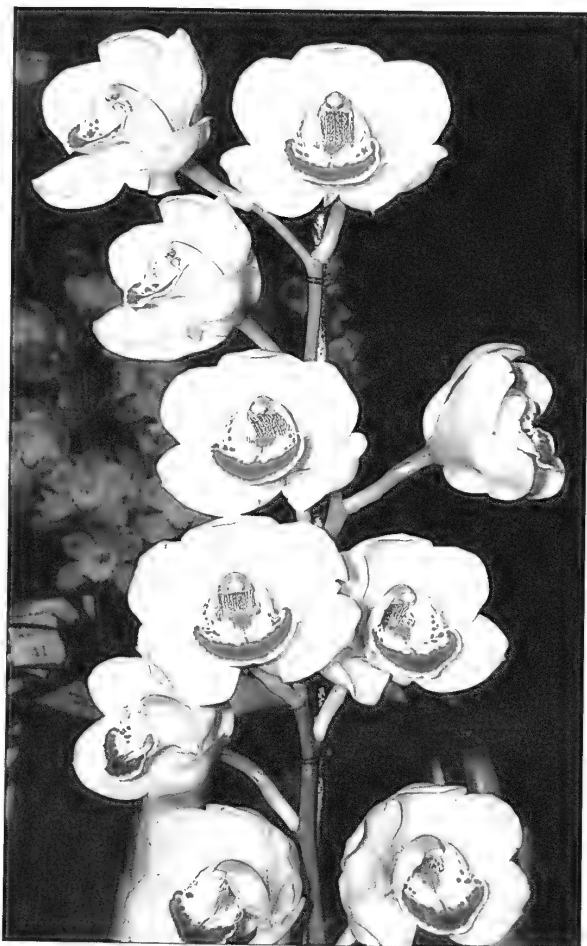
**Left:** Another classy well-structured combination of props, theme, and quality plants by Jan and Andy Leamon and winner of the gold sash in the Large Display incorporating a Theme/Artistic section.

**Below:** Moss Bray's *Cym.* Sim's Vision 'Barcelona' won Champion Small Standard and is a good quality productive plant that always attracts attention when shown.





**Above:** *Cym.* Julie Hawkes 'Southern Belle' won Champion Large Flower and received an AM/COSV for grower and hybridiser Kimberley Orchids.



**Below:** Imre Takacs benched this classic show bench large flower type, *Cym.* Valley Zenith 'Green Orb'. Despite having been a top green for around 15 years when well grown, as this example was, it is still a potential show winner.



**Left:** *Cym.* (Bewitched Baker x Via Del Playa) won Champion Intermediate Seedling for owners B&E Kimberley. This class is sponsored by CCSA and has been named the Memorial Dean Roesler Trophy in memory of Dean and his interest in intermediate Cymbidium breeding and, at the time of judging, the judges were unaware that this beautiful flower was the result of Dean's own hybridising – a fitting result in the inaugural year of this memorial class in his name.



**Right:** Paradisia Orchids displayed this nice example from a remake of *Cym. Sarah Jean*. Their variety 'No. 2', while only a tiny plant of a couple of green bulbs carried three spikes (one open) and shows potential for the future.



**Below:** David Wain won the gold sash in the Large Display section with his well structured display of quality cymbidiums, many of them seedlings.





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### Mail Orders and new 2005 List

New 2005 lists will be sent to all customers visiting the nursery last year, and enthusiasts who have previously written in for lists. If you have not received this list by the end of April please let us know. For interstate and country customers we are now doing mail orders.

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Starting this year we will have available to nursery visitors, flowering plants of showbench Cattleyas, Zygopetalums, Softcanes, Phals, Paphs and Odont Intergenerics. For mail order we have many of the latest Phalaenopsis mericlones as well as showbench cattleya alliance and phalaenopsis seedlings.

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**Left:** J&B Welsh, T&W Symes and B&E Kimberely staged the gold sash winning Small Theme/Artistic Display featuring two champion cymbidiums among a small but well grown group of plants.



**Right:** Andy and Jan Leamon won Champion Intermediate with their *Cym. Ruby Valley 'Cherry Pie'*, yet another fine example from this crossing which has provided some of the best red intermediates flowered in recent years.

**Below:** Gold sash winning display for Imre Takacs in the Small Display section.



# Eye-catching Orchids

## in 2005

Text by Noe Smith – photography by Rob Smith

The regular annual articles that Dean Roesler presented under the titles "Eye-catching Orchids" or "Seen Any Good Orchids Lately?" always provided a welcome and popular alternative view of the cymbidiums seen at our major shows, and Dean's often eclectic tastes obviously struck a chord with many growers to whom there is more to this wonderful and diverse genera than just show bench flower form. While Dean appreciated a good show bench type as much as the next person, he was also drawn to other flower shapes, colours and sizes and seemed to notice flowers many of us might have missed. Many will remember Dean spending hour after hour walking around shows and painstakingly videoing or photographing what seemed like every flower in the hall.

Like many of you, and like Dean, Rob and I have equally varied tastes in cymbidiums and have decided to carry on Dean's idea and search out those particular flowers each season which catch our eye. Some of them won ribbons or champion sashes, while others did not – but all of them had a particular appeal and all of them either had, or promised, floriferousness relative to the size of the plant carrying them.

*Cym. (Lunata x Willunga Royal)*, exhibited by Malcolm and Gay Hall in the CCSA display at the National Cymbidium Show in Adelaide, was a shapely and strikingly splashed intermediate type that caught Rob's eye and obviously those of the judges of its section as well. The Hall's won Champion Intermediate Seedling and two class prizes with this little beauty,

which showed real promise on a small plant.

*Cym. Choc Valley 'Green Valley'* was shown by Tom Burian Orchids. Although not an overly large flower, this one stood out from the crowd for its clarity and intensity of colour. There are few colour combinations better than a good green with a white labellum marked in red. This *Cymbidium* impressed me with its brightness of green petals and sepals and the purity of its white labellum. It may never win a grand champion sash but it's a most desirable flower in my eyes.

*Cym. Red Nelly 'Purple Satin'* from the Valley Orchids stable has a lot going for it in our opinion. While the lighting in the hall and flash photography don't do any favours for this orchid's intense purple/red colour, we think it's one of the most impressive reds we've seen lately (Rob even bought a clone from Graham Morris during the show, something we rarely do these days with so many of our own seedlings growing on). The plant is just about everything one could want in a small standard type – reasonably compact in growth, floriferous and with good length spikes, good flower counts, and good flower shape to go with its lovely, smooth, intense colour.

*Cym. (Hazel Faye x Paul Robeson) 'Tee Pee'* featured in Terry Poulton's display at the Cymbidium Festival at Ararat. Flower count was good, as was spike habit, on a young plant. The colour and flower form stood out and the broad red-banded labellum highlighted the flower nicely. Orange-toned cymbidiums are becoming much more common these days

and many such as this one are showing sophisticated form and intense colour.

*Cym. (Lois Kelly x Allumination)* shown by Kimberley Orchids is just one of a number of seedlings from this cross seen at shows this season. Flower size is quite large given that *Cym. Lois Kelly* produced flowers that today are described as small standards. This chartreuse colouring has become quite common in recent years, and is a colour which can be quite striking and attractive in our view. With the right other parents, *Cym. Allumination* is proving to be a useful stud for large flower types.

*Cym. Touch My Thumb 'Miss Green'* is a charming miniature from Ken Purcell's collection. Compact in growth, floriferous and with high flower counts per inflorescence, along with its pretty flowers make this a desirable little orchid. Made from the crossing of *Cym. (Touchstone x Tom Thumb)* this hybrid has produced some nice results. Ken received an ACS award two seasons ago with another from the same cross which carried amber coloured flowers with striking solid red labellums, although we think this green-based flower has its own special charm.

*Cym. Eminent 'Aranen Towers'*, from the crossing of *Cym. Brunette* and *Cym. Deep Sleep*, is a small intermediate flower carried in good numbers on tall upright spikes which don't need training or staking. The plant is compact and vigorous and always attracts attention when shown, usually bringing request for divisions. David and Carolin Allen exhibited this plant at the Ararat Cymbidium Festival. While this is not an orchid to attract the judges attention due to the bloom habit of twisting around the stem, it doesn't bother most people who see it as all the flowers always head in the same spiral direction and end up displaying themselves very nicely.

*Cym. Nutty 'Tom Tom'* owned by Ken Purcell is a small flowered intermediate of an unusual orange/amber colour with an eye-catching labellum. Again, not a show winning type, but sufficiently different enough to be noticeable. Unfortunately, the colouring makes it another of those flowers that are done a disservice by harsh artificial lighting that bleach out the warm orange-y tones evident in good natural light.

Noe Smith

24 William Hunter Court  
Rosebud, Victoria 3939

PHONE: 041 239 1989

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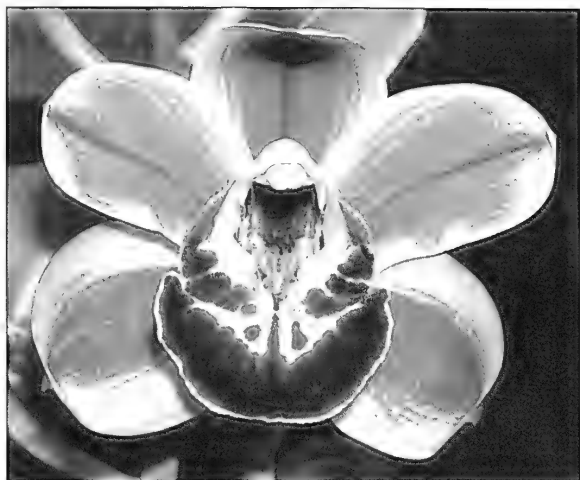
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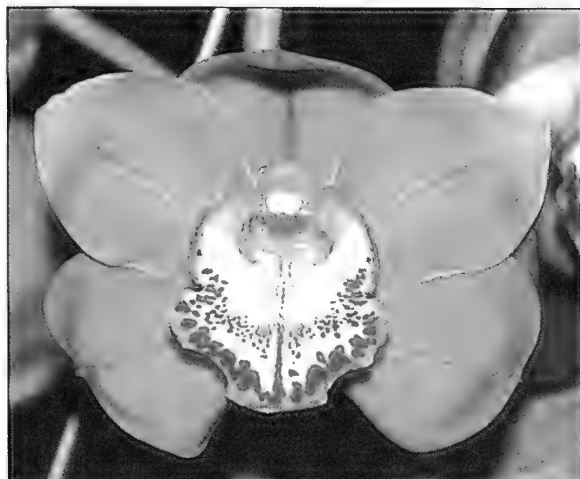




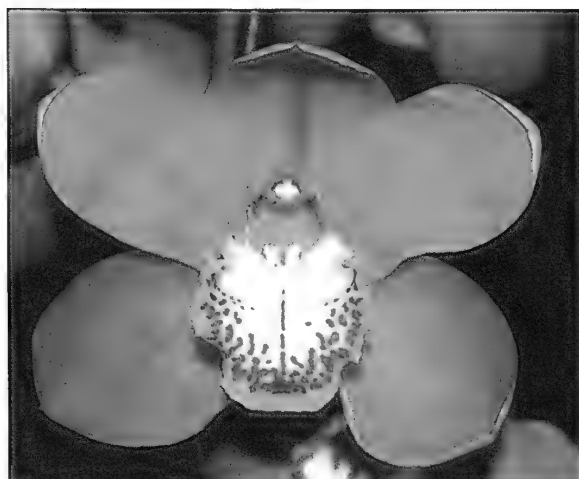
*Cym.* (Lunata x Willunga Royal).



*Cym.* (Hazel Faye x Paul Robeson).



*Cym.* Choc Valley 'Green Valley'.



*Cym.* (Lois Kelly x Allumination).



Above: *Cym.* Touch My Thumb 'Miss Green'.

Left: *Cym.* Red Nelly 'Purple Satin'.





Cym. Eminent 'Aranen Towers'.



Cym. Nutty 'Tom Tom'.

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AOR103

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# The 2005 Australian Cymbidium Society Award of Recognition

Text by Peter Moore and CCSA – photography by Rob Smith

The original concept of the Australian Cymbidium Society Award of Recognition was to recognise for posterity those persons involved in the growing, hybridising and promotion of cymbidiums, and those who have made major and long term contributions to the development of *Cymbidium* clubs, societies, judging systems and their administration.

In some cases, the recipients recognised over the past ten years have all either been well known hybridisers and commercial *Cymbidium* producers or persons who have contributed in areas of promotion, education, administration, development and service.

While the award is not necessarily given every year, with eight people being recognised in ten years, 2005 saw the addition of the eighth recipient alongside Alvin Bryant, Syd Monkhouse, Dean Roesler, Bob Nicole, John Gulbis, Ern Kettle, and Kevin Black.

For the eighth recipient of the ACS Award of Recognition his involvement with cymbidiums began 18 years ago in 1987 when he visited a workmate's home with a friend to look over his *Cymbidium* orchid collection. Like many others who visited a friend's collection, he went home with a couple of plants and, the following week, another visit saw him return home with another four. He had caught THE disease of collecting cymbidiums!

At that time, the recipient and his wife were living in a flat so they had to move to larger premises with more land to house his newly found hobby. They purchased a town house and soon the whole backyard became one big shade house, and the collection outgrew that property within a year. The next move took place in 1990 when land at Noarlunga Downs, south of Adelaide, was acquired. A house for their family and a large shade house were built along with smaller flowering houses for the orchids. Within a few years the recipient had become a major exhibitor and an active member of the Cymbidium Club of South Australia.

In 1995 he decided to try his hand at laboratory work, tissue culture and seed propagation. With help from Gordon Brooks and Kevin Western he established a small laboratory in a shed. The recipient was a quick learner and became very proficient in his laboratory – so much so that there was no room for all the flasks that he was producing.

By about 2002 both sons, Gavin and



Moss Bray is congratulated on his receipt of the ACS Award of Recognition by Peter Moore, ACS President.

Simon, had grown up and had left home so both their bedrooms were turned into one big laboratory by the removal of an adjoining wall. Expansion of the nursery reached its current size with the building of three flowering houses on the block of land next to his home – all available land was now covered by shade cloth and flowering houses.

The recipient was a founding member of CCSA and has missed only three meetings in all those years, only because he was overseas with his family.

In all of his time growing cymbidiums he has been an outstanding promoter of the genus and its culture and has encouraged and helped many individuals with new and old varieties alike.

Many clubs, as well as CCSA, have benefited from his generosity in terms of sponsorship and through attendance at their shows. He regularly supports and attends major shows in country Victoria and has regularly supported the ACS national shows wherever they are held, and is an annual exhibitor and sponsor of the Ararat Cymbidium Orchid Festival.

His seed flasking and tissue culture service is legendary for the quality of the plants produced and the speed of development his plants achieve in the flask. Well known to growers in Australia and New Zealand, he is also a magnet for international commercial cut flower and nursery trade people who visit South Australia. When Leon and Wim Van

Rijn first came to Australia seeking new and improved cut flower cymbidiums they sought out the recipient for his help and guidance and they have been firm friends ever since.

The development of this association has delivered benefits to both countries as top class Dutch clones, possibly suitable for show bench and hobby uses here, are now making their way to Australia through the recipient's connections.

He and his wife, Rosemary, established Sims Orchids with son Gavin, and Maria, as a cut flower and pot plant nursery. The recipient has been an active *Cymbidium* hybridiser, although most of his hybrids to date have been registered by other growers who have flowered worthwhile seedlings from his crosses.

This year's recipient has been a tireless supporter and sponsor of the CCSA, a committee member for a number of years, and has served several terms as Junior Vice President.

It gives me great pleasure to present on behalf of the committee and members of the CCSA, the nominating club, and the executive of the ACS, the 2005 and eighth recipient of the CSA Award of Recognition, Mr Moss Bray.

*Peter Moore*  
ACS President

*10 Stephanie St*  
*Padstow, New South Wales 2211*

# Building a Cymbidium Collection

Text by Noe Smith – Photography by Rob Smith

**P**rior to taking up the hobby I'd often admire orchids, particularly cymbidiums, anywhere I saw them and wonder at how long the flowers lasted. At some stage a friend gave me a few *Cymbidium* plants and, somehow, within a year, I had a full shade house.

Like most new growers, I had no idea about the plants I was buying, or being given – some I hadn't seen in flower and, thinking back, never did! Some of those plants in my early collection were old hybrids, some in poor condition too – some were diseased, and others came with shrivelled bulbs and no roots. As a novice grower I didn't know enough to get them back to a healthy state and they quickly

died.

If this sounds familiar, or you are just beginning a *Cymbidium* collection then, hopefully, what you're about to read will help you to build a collection which will encourage you and reward you instead.

As you're reading this magazine you have probably joined a club already. If not, I'd recommend that you do, and attend meetings if possible as well. A specialist *Cymbidium* club will provide access to experienced growers, will teach you about culture, and will give you the opportunity to acquire good quality cymbidiums. By good quality I don't necessarily mean expensive show winning plants but, rather, well-grown, healthy, free-flowering types

which, given reasonable care and attention, will provide you with flowers to enjoy.

I've always had a strong belief that novice growers need good healthy plants from day one. Some people adopt the view that any old things will do as a new grower will likely kill them anyway. Certainly a new grower may lose a few plants but, in general, cymbidiums are hard to kill and will often survive poor culture for a surprisingly long time, which is a plus for someone on a learning curve and beginning with good healthy plants increases the chances of success compared to starting out with suspect plants.

This article isn't really intended as a cul-

Floriferous intermediate cymbidiums such as *Cym. Gentle Touch* 'Bon Bon' can produce impressive flowerings such as this.



tural guide for beginners but, perhaps, the best tip for new growers is to obtain a cultural sheet from their club (most *Cymbidium* clubs have one) that should relate to growing conditions in your general environment. With a start provided by proven methods one should be able to quickly gain encouraging results and, after a while, the confidence to vary your growing conditions to suit your specific location once enough is learned to assess other options. That's not to say that alternative cultural methods will give better results, but at least the ability to make informed decisions about either making changes or staying with what you already know won't end in disaster.

Building a *Cymbidium* collection for most novice growers (and many who've been growing them for a long time too I might add) is usually a haphazard affair. Plants are purchased on impulse because the flowers were irresistible or the description in a catalogue sounded interesting or, perhaps, another grower advised that you must have such-and-such a plant. All of these avenues are fine but what often happens is that you end up with a col-

lection with a limited colour or size range, or that all your plants tend to flower over a limited period during the entire growing season as you've noticed that other growers have a range of plants that come into flower over many more months than yours do. While your particular interests, in terms of *Cymbidium* types may change over time (perhaps you'll develop a keen interest in competing on the show bench for example), initially a collection of varied types, sizes, colours and flowering times is a worthwhile goal – of course bearing in mind that you should actually like the flowers or there's not much point in growing them.

If you like miniature cymbidiums then, by all means, concentrate on them – or any other category that takes your fancy. If you're not sure, then grow a mixed collection. Most people do, or at least keep a few favourites in other types besides their main interest. Try to visit orchid shows, particularly *Cymbidium* shows, and make notes about plants that catch your eye. Likewise, at monthly club meetings where flowering plants are benched, you can get a good look at them as ask about them. You'll find

that some of the plants at shows or monthly meetings may not be available for sale anywhere but, don't be hesitant about asking, or be upset if you're told you can't have it or a division of it (they might be newly flowered seedlings for example) as it will most likely become available in the future if the owner doesn't have a particular purpose in mind for it and won't part with it. The vast majority of *Cymbidium* growers are generous and helpful and don't mind accommodating you if you are polite and can take no for an answer sometimes. Being pushy if you don't get what you want will only get you a reputation, and very few favours, from anyone.

Luckily for new growers (or all of us for that matter) cymbidiums are one of the genera that can be reproduced by mericlone, which means that large numbers of a desirable plant can be cloned to provide lots of basically identical plants reasonably quickly. Many nurseries carry good selections of mericlones of popular cymbidiums that are often available in various sizes, from young single-growth plants to mature flowering size ones. Mericlones are a good starting point when

Perhaps the most famous and popular miniature *Cym.* Sarah Jean 'Ice Cascade'.







Plants such as *Cym. Magic Sonnet* 'Golden Heart' can provide dramatically different colour combinations.

building a collection as it's possible to obtain plants identical to those you've seen at shows, etcetera, so you know exactly what you are getting, while bear-

ing in mind that not every *Cymbidium* you see will be available as a mericlone. There are in excess of 10,000 grexes registered and many, many more varieties of those in existence as well. However, as *Cymbidium* hybridising has been going on for over 100 years, many plants have passed into history or are just not being mericloned any more. Some varieties may only be available as divisions from other growers, if at all, but there are so many cymbidiums currently available as mericlones that we're pretty well spoilt for choice, apart from the fact that many of the newer ones are superior to earlier hybrids anyway, although the true classics from the older types tend to be re-cloned fairly regularly.

Without getting too technical, it's probably appropriate to give a brief description of some of the more common terms used. Firstly, the registered name of an orchid is its grex name. For example, Ruby Eyes is the registered grex name of a hybrid combination of the two orchids that were its parents (*pumilum* x *Sensation*). To distinguish each flowered seedling of the Ruby Eyes grex from its siblings a varietal name is also given, thus, 'Red Baron' (the single inverted commas denoting the varietal name) is not the same as any other seedling flowered from the Ruby Eyes crossing – a "christian name" if you will. Knowing the full name of an orchid you want is important as you might not get the

specific one you are after, just as a letter might not be delivered if you don't know the full address. Some of the seedling results from some hybrid crosses may grow better than others, have better flowers, or be a different colour, size or shape – just like the kids in any family you know – but mericlones offer a 99% certainty that you will know when they will open their flowers, how big the plants will grow, what the flowers will look like and what colour they will be. Likewise, a division of a plant you have seen will give the same certainty.

The other option for adding to your collection is to grow seedlings. In orchid terms, seedlings are the plants produced by combining two parents by placing the pollen from one parent (pollen parent) onto the stigma of the other parent (pod parent). Seedlings, like children or puppies, will vary across the range of available gene combinations from the parents and, although hybridising orchids is not an exact science, experience may allow a hybridiser to reasonably predict an outcome. Personally, I hope that everyone will grow a percentage of seedlings in their collection if they have the space. It's true that some of the seedlings grown will be a disappointment in some way, and some won't even be worth keeping either, but others will produce attractive and/or unique flowers that are exciting or gratify-

Peloric or "freak" types of cymbidiums are popular, but not to everyone's taste. This one is *Cym. (Fuss x Negrito)* 'Gizmo'.



Pure colour or albino types of cymbidiums can be very attractive and come in white, yellow, and shades of light to mid-green.







ing in some way and the chance that a real stunner will flower for you is very real. No one can tell before a seedling flowers if it will be a show winner, an also-ran, or a dud, so it's a gamble every time, but the thrill of flowering a good one is a heck of a payoff.

There's an old saying that every mericlone was a seedling once. If new seedlings weren't being flowered there wouldn't be any new mericlones and we'd all be growing species, so consider taking a chance on a few, or a lot, of seedlings. It keeps hybridisers busy making crosses to surprise and delight us all – a good thing.

Choosing seedlings to buy can be a daunting exercise in terms of which ones to pick. The best option when you're starting out is to pick those which are a combination of parents you know, or take advice from reliable and experienced growers you know and admire for the success they have with flowering seedling plants. These people will happily recommend crosses if they know what you are looking for, whether it be compact miniature types of particular colours or flowering times.

So, having armed yourself with some ideas about what sort of cymbidiums you want to grow, where to do you look for them? The obvious answer is the best one. Go to reputable nurseries and hybridisers, the people you read about in publications such as this one, those who exhibit at major shows, or at your local *Cymbidium*

**Top:** Cymbidiums with Australian native *Cymbidium* content in their parentage can extend your flowering season as they generally flower in early summer. This one is *Cym. Mad Magic 'Amber'*.

club. Rely on the advice of club members you respect, and ask where others get their plants from. It can be tempting to buy from chain store types of garden centres, weekend markets, driveway sales, or supermarkets, but beware – often these outlets sell orchids of dubious quality, usually without name tags, and are rarely cheap to boot. They can often be in poor condition or may be diseased and can infect your whole collection if you're not aware of what you are buying. Occasionally responsible club members may sell plants at markets, etcetera, but if you don't know the seller it's safer to avoid purchasing plants from those places. Some garden centres and/or florists get their plants from reputable nurseries or breeders and, in those situations, your decision to buy should be based on the overall look of the plant. If it appears to be as healthy as the plants you see at shows and meetings then, by all means, take the chance if you particularly like the flower.

I hope these observations will help in

**Above:** Like Australian native hybrids, the species *Cym. devonianum* hybrids are late flowerers. *Cym. (Mad Doctor x devonianum)* is a good example of these floriferous types.

building a *Cymbidium* collection made up of productive and attractive plants you'll enjoy and be proud of. Good growing to all . . . and welcome to a most rewarding hobby.

Noe Smith

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### SHOWDATES Dec 2005/Jan 2006

DATE	TIME	SEASON	ORCHID SOCIETY	SHOW ADDRESS
<b>Queensland</b>				
11-12 February	9.00am-4.00pm	Summer	Aspley 'Celebrating 30 Yrs'	The Auditorium, Brisbane Botanic Gardens, Mt Coot-tha

# The 2005 Annual Fascination of Orchids Show in California

Text by Grant Cole – Photography by Grant Cole & Anthony Velardi

The 25th Annual "Fascination of Orchids" International Show and Sale was held February 10th through 13th, 2005. This is the first major *Cymbidium* show of the season in California, and is held in the Macy's Home Store Wing (Formerly Crystal Court) of the South Coast Plaza Shopping Mall, in Costa Mesa, California. The facility is a modern three-story shopping mall, featuring a rotunda in the center. This is the perfect setting for the magnificent centre display erected by the professional designers and decorators engaged by the shopping centre. The five-meter tall display was named, "Da Xiong Mao" (The Giant Panda). Floral replicas of two Pandas are shown feeding in a bamboo grove amidst hundreds of orchid flowers.

There were over one hundred orchid displays by major growers, societies, and hobbyists. Nearly seventy local and international vendors operated the sales booths. The seminar program consisted of 18 lectures and workshops on all phases of orchid growing, hybridizing, and culture. Being a mall show admission to the show is free. Attendance by the public was estimated to be in excess of 100,000 persons.

Judging for the show was provided by the Cymbidium Society



The magnificent centre display created for the 25th Annual Fascination of Orchids. Named "Da Xiong Mao" (The Giant Panda). Floral replicas of two Pandas are shown feeding in a bamboo grove amidst hundreds of orchid and other exotic flowers. Photo by Grant Cole



*Cym. Kiwi Connection 'Jack Thomas'*. Received a Bronze Award for its owner Joe Santy. Photo by Anthony Velardi

of America and the American Orchid Society.

Cymbidiums awarded by the Cymbidium Society of America were:

***Cym. Kiwi Connection 'Jack Thomas'***

(Red Beauty x Last Tango) – Bronze Award – Owned by Joe Santy

***Cym. California Ablaze 'San Francisco'***

(Geisha x Painted Doll) – Bronze Award – Owned by The Rowland Collection

***Cym. (Unregistered) 'Un-named'***

(Woody Wilson x Vogel song) – Best First Bloom Seedling – Owned by Casa de las Orquideas

**Grant Cole**  
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# Australian Orchid Review

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## 2005/2006 ORCHID EVENTS - WHAT'S ON!

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**31 March -2 April 2006** - Sydney International Orchid Fair, Castle Hill, NSW

**19-21 May 2006** - Victorian International Orchid Fair, Greensborough, Victoria

**24-25 June 2006** - Mingara Orchid Fair, Central Coast, NSW

**2 July 2006** - Tinonee Orchids Open Day & Show, Tinonee, NSW

**19-23 July 2006** - Australian Orchid Conference, Port Macquarie, NSW

**18-20 August 2006** - St Ives Orchid Fair, St Ives, NSW

**8 October 2006** - Hills District Orchids Open Day, Northmead, NSW

**13-15 October 2006** - Southern Orchid Spectacular, Cronulla, NSW

**3 December 2006** - Easy Orchids Open Day, Northmead, NSW





*Dendrobium lasianthera* – Photo Gary and Judy Backhouse